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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,800,623

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,800,623

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 6, 2018 contains applications open to public inspection from February 18, 2018 to February 24, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 6 mars 2018 contient les demandes disponibles au public pour consultation pour la période du 18 février 2018 au 24 février 2018.

Canadian Patents Issued

March 6, 2018

Brevets canadiens délivrés

6 mars 2018

[11] **2,360,927**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **INTERACTION OF COLLOID-IMMOBILIZED SPECIES WITH SPECIES ON NON-COLLOIDAL STRUCTURES**
[54] **INTERACTION ENTRE DES ESPECES IMMOBILISEES SUR DES COLLOIDES ET DES ESPECES EXISTANT SUR DES STRUCTURES COLLOIDALES**
[72] BAMDAD, CYNTHIA CAROL, US
[72] BAMDAD, R. SHOSHANA, US
[73] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2001-07-20
[86] 2000-01-21 (PCT/US2000/001504)
[87] (WO2000/043783)
[30] US (60/116,975) 1999-01-23
[30] US (60/132,289) 1999-05-03
[30] US (60/133,148) 1999-05-07
[30] US (60/133,772) 1999-05-12

---

[11] **2,426,057**
[13] C
[51] **Int.Cl. B25J 18/00 (2006.01) B25J 15/00 (2006.01)**
[25] EN
[54] **END EFFECTOR WITH MULTIPLE PICK-UP MEMBERS**
[54] **EFFECTEUR TERMINAL A PLUSIEURS ELEMENTS PRENEURS**
[72] SUBOTINCIC, MILOS MISHA, CA
[73] SUBOTINCIC, MILOS MISHA, CA
[86] (2426057)
[87] (2426057)
[22] 2003-04-22
[30] US (60/374,408) 2002-04-22

---

[11] **2,449,898**
[13] C
[51] **Int.Cl. A61K 35/612 (2015.01) A61K 31/202 (2006.01) A61K 31/23 (2006.01) A61K 35/60 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **KRILL AND/OR MARINE EXTRACTS FOR PREVENTION AND/OR TREATMENT OF CARDIOVASCULAR DISEASES, ARTHRITIS, SKIN CANCER, DIABETES, PREMENSTRUAL SYNDROME AND TRANSDERMAL TRANSPORT**
[54] **KRILL ET/OU EXTRAITS MARINS POUR LA PREVENTION ET/OU LE TRAITEMENT DES MALADIES CARDIOVASCULAIRES, DE L'ARTHRITE, DU CANCER DE LA PEAU, DU DIABETE, DU SYNDROME PREMENSTRUEL ET DU TRANSPORT TRANSDERMIQUE**
[72] SAMPALIS, TINA, CA
[73] AKER BIOMARINE ANTARCTIC AS, NO
[85] 2003-12-09
[86] 2002-06-07 (PCT/CA2002/000843)
[87] (WO2002/102394)
[30] US (60/298,383) 2001-06-18

---

[11] **2,452,449**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/12 (2006.01) A61F 6/24 (2006.01)**
[25] EN
[54] **VESSEL CLOSURE MEMBER AND DELIVERY APPARATUS**
[54] **ELEMENT DE FERMETURE D'UN VAISSEAU ET APPAREIL D'ADMINISTRATION**
[72] PAVCNIK, DUSAN, US
[72] PAVCNIK, MARTINA BASTIN, US
[72] KAUFMAN, JOHN, US
[72] OBERMILLER, JOSEPH F., US
[72] BOSLEY, RODNEY W., JR., US
[73] COOK BIOTECH INCORPORATED, US
[73] COOK UROLOGICAL INCORPORATED, US
[73] OREGON HEALTH & SCIENCE UNIVERSITY, US
[85] 2003-12-30
[86] 2002-07-26 (PCT/US2002/023632)
[87] (WO2003/009764)
[30] US (60/307,893) 2001-07-26

[11] 2,473,746
[13] C
[51] Int.Cl. C12N 15/12 (2006.01) A61P 35/00 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C07K 16/30 (2006.01) C12N 15/63 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY OF HEMATOLOGICAL MALIGNANCIES
[54] COMPOSITIONS ET METHODES DE DETECTION, DE DIAGNOSTIC ET DE TRAITEMENT DES MALIGNITES HEMATOLOGIQUES
[72] GAIGER, ALEXANDER, AT
[72] ALGATE, PAUL A., US
[72] MANNION, JANE, US
[72] CLAPPER, JONATHAN DAVID, US
[72] WANG, AIJUN, US
[72] ORDONEZ, NADIA, US
[72] CARTER, LAUREN, US
[72] MCNEILL, PATRICIA DIANNE, US
[73] CORIXA CORPORATION, US
[85] 2004-07-20
[86] 2003-01-22 (PCT/US2003/002353)
[87] (WO2003/062401)
[30] US (10/057,475) 2002-01-22

[11] 2,474,414
[13] C
[51] Int.Cl. C07H 21/00 (2006.01) A61K 31/712 (2006.01) A61P 31/12 (2006.01) C12N 15/11 (2006.01) A61K 38/00 (2006.01)
[25] EN
[54] OLIGONUCLEOTIDES COMPRISING ALTERNATING SEGMENTS AND USES THEREOF
[54] OLIGONUCLEOTIDES COMPORTANT DES SEGMENTS ALTERNATIFS ET UTILISATIONS ASSOCIEES
[72] PARNIAK, MICHAEL A., US
[72] DAMHA, MASAD J., CA
[73] MCGILL UNIVERSITY, CA
[85] 2004-07-23
[86] 2003-01-31 (PCT/CA2003/000129)
[87] (WO2003/064441)
[30] US (60/352,873) 2002-02-01

[11] 2,485,835
[13] C
[51] Int.Cl. C12N 15/63 (2006.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01) C07K 14/60 (2006.01) C07K 14/605 (2006.01) C07K 14/635 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) C12N 15/16 (2006.01) C12N 15/18 (2006.01) C12N 15/67 (2006.01) C12N 15/70 (2006.01) C12N 15/79 (2006.01) C12P 21/02 (2006.01) G01N 33/68 (2006.01)
[25] EN
[54] METHODS AND DNA CONSTRUCTS FOR HIGH YIELD PRODUCTION OF POLYPEPTIDES
[54] PROCEDES ET CONSTRUCTIONS D'ADN POUR LA PRODUCTION A HAUT RENDEMENT DE POLYPEPTIDES
[72] HARLEY, SCOTT, US
[72] WILLIAMS, JAMES A., US
[72] LUAN, PENG, US
[72] XIA, YUANNAN, US
[73] MEDTRONIC, INC., US
[85] 2004-11-12
[86] 2003-05-23 (PCT/US2003/016643)
[87] (WO2003/100021)
[30] US (60/383,370) 2002-05-24

[11] 2,495,251
[13] C
[51] Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01) C12N 5/12 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01) G01N 33/574 (2006.01)
[25] EN
[54] FC.GAMMA.RIIB-SPECIFIC ANTIBODIES AND METHODS OF USE THEREOF
[54] ANTICORPS SPECIFIQUES DU RECEPTEUR FC.GAMMA.RIIB ET PROCEDES D'UTILISATION DE CES ANTICORPS
[72] KOENIG, SCOTT, US
[72] VERI, MARIA-CONCETTA, US
[73] MACROGENICS, INC., US
[85] 2005-02-11
[86] 2003-08-14 (PCT/US2003/025399)
[87] (WO2004/016750)
[30] US (60/403,266) 2002-08-14

[11] 2,506,576
[13] C
[51] Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/712 (2006.01) C07H 21/00 (2006.01)
[25] EN
[54] ANTISENSE GAPMER OLIGONUCLEOTIDES
[54] OLIGONUCLEOTIDES ANTISENS GAPMERES
[72] CHRISTENSEN, SIGNE M., DK
[72] MIKKELSEN, NIKOLAJ DAM, DK
[72] FRIEDEN, MIRIAM, DK
[72] HANSEN, HENRIK FRYDENLUND, DK
[72] KOCH, TROELS, DK
[72] PEDERSEN, DANIEL SEJER, GB
[72] ROSENBOHM, CHRISTOPH, DK
[72] THRUE, CHARLOTTE ALBAEK, DK
[72] WESTERGAARD, MAJKEN, DK
[73] ROCHE INNOVATION CENTER COPENHAGEN A/S, DK
[85] 2005-05-18
[86] 2003-11-18 (PCT/DK2003/000788)
[87] (WO2004/046160)
[30] DK (PA 2002 01774) 2002-11-18
[30] DK (PA 2003 01540) 2003-10-20

[11] 2,518,156
[13] C
[51] Int.Cl. G06F 21/62 (2013.01) G06F 12/00 (2006.01) G06F 9/44 (2018.01)
[25] EN
[54] SYSTEM AND METHOD FOR MANAGEMENT OF PLAINTEXT DATA IN A MOBILE DATA PROCESSING DEVICE
[54] SYSTEME ET METHODE DE GESTION DE DONNEES EN CLAIR DANS UN DISPOSITIF DE TRAITEMENT DE DONNEES MOBILE
[72] LITTLE, HERBERT A., CA
[72] SCIAN, ANTHONY F., CA
[73] BLACKBERRY LIMITED, CA
[86] (2518156)
[87] (2518156)
[22] 2005-09-06

[11] **2,565,450**
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6827 (2018.01) C12Q 1/6858 (2018.01) C12Q 1/6886 (2018.01)**
[25] EN
[54] **METHODS OF DIAGNOSING OR TREATING PROSTATE CANCER USING THE ERG GENE, ALONE OR IN COMBINATION WITH OTHER OVER OR UNDER EXPRESSED GENES IN PROSTATE CANCER**
[54] **METHODES DE DIAGNOSTIC OU DE TRAITEMENT DU CANCER DE LA PROSTATE AU MOYEN DU GENE ERG, SEUL OU COMBINE A D'AUTRES GENES SUREXPRIMES OU SOUS-EXPRIMES DANS LE CANCER DE LA PROSTATE**
[72] PETROVICS, GYORGY, US
[72] SRIVASTAVA, SHIV, US
[73] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2006-11-02
[86] 2005-05-06 (PCT/US2005/015926)
[87] (WO2005/113816)
[30] US (60/568,822) 2004-05-07
[30] US (60/622,021) 2004-10-27

[11] **2,565,572**
[13] C
[51] **Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/686 (2018.01) C12M 1/34 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **A MICROFLUIDIC DEVICE AND METHODS FOR PROCESSING POLYNUCLEOTIDE-CONTAINING SAMPLES**
[54] **UN DISPOSITIF MICROFLUIDIQUE ET SES METHODES POUR LE TRAITEMENT D'ECHANTILLONS CONTENANT DES POLYNUCLEOTIDES**
[72] WU, BETTY, US
[72] ALTHAUS, JOHN S., US
[72] BRAHMASANDRA, SUNDARESH N., US
[72] HANDIQUE, KALYAN, US
[72] PHADKE, NIKHIL, US
[73] HANDYLAB, INC., US
[85] 2006-11-02
[86] 2005-05-03 (PCT/US2005/015345)
[87] (WO2005/108620)
[30] US (60/567,174) 2004-05-03
[30] US (60/645,784) 2005-01-21

[11] **2,572,964**
[13] C
[51] **Int.Cl. A61K 47/34 (2017.01) A61K 38/10 (2006.01) A61P 17/02 (2006.01) C07K 1/06 (2006.01) C08L 89/00 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **PURIFIED AMPHIPHILIC PEPTIDE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS PEPTIDIQUES AMPHIPHILES PURIFIEES ET UTILISATIONS DE CES DERNIERES**
[72] CHU, ZEN, US
[72] SPIRIO, LISA, US
[73] 3-D MATRIX, LTD., JP
[85] 2007-01-05
[86] 2005-07-06 (PCT/US2005/024198)
[87] (WO2006/014570)
[30] US (60/585,914) 2004-07-06
[30] US (11/176,781) 2005-07-06

[11] **2,579,169**
[13] C
[51] **Int.Cl. C07D 279/18 (2006.01) A61K 31/54 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF CHEMICAL SYNTHESIS AND PURIFICATION OF DIAMINOPHENOTHIAZINIUM COMPOUNDS INCLUDING METHYLTHIONINIUM CHLORIDE (MTC)**
[54] **PROCEDES DE SYNTHESE CHIMIQUE ET DE PURIFICATION DE COMPOSES DIAMINOPHENOTHIAZINIUM RENFERMANT DU CHLORURE DE METHYLTHIONINIUM (MTC)**
[72] STOREY, JOHN MERVYN DAVID, GB
[72] SINCLAIR, JAMES PETER, GB
[72] MARSHALL, COLIN, GB
[72] TAN, HAN WAN, SG
[72] WISCHIK, CLAUDE MICHEL, GB
[73] WISTA LABORATORIES LTD., SG
[85] 2007-03-05
[86] 2005-09-21 (PCT/GB2005/003634)
[87] (WO2006/032879)
[30] GB (0421234.6) 2004-09-23
[30] GB (0503343.6) 2005-02-17
[30] GB (PCT/GB2005/003441) 2005-09-07

[11] **2,603,386**
[13] C
[51] **Int.Cl. C07K 5/06 (2006.01) A61K 38/05 (2006.01) A61K 38/06 (2006.01) C07K 5/08 (2006.01)**
[25] FR
[54] **AGE INHIBITORS**
[54] **INHIBITEURS D'AGE**
[72] SASAKI, NOBUMICHI ANDRE, FR
[72] ACHAB GARCIA ALVAREZ, MARIA CONCEPCION, FR
[72] WANG-ZHU, QIAN, FR
[72] ERMOLENKO, LIOUDMILA, FR
[72] BAKALA, JOANNA, FR
[72] FRANCK, GISELE, FR
[72] BAKRIM NHIRI, NAIEMA, FR
[72] POTIER, PIERRE (DECEASED), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2007-10-01
[86] 2006-03-30 (PCT/EP2006/061191)
[87] (WO2006/103274)
[30] FR (0503176) 2005-03-31

[11] **2,604,348**
[13] C
[51] **Int.Cl. G06K 5/00 (2006.01)**
[25] EN
[54] **MOBILE PHONE CHARGE CARD NOTIFICATION AND AUTHORIZATION METHOD**
[54] **NOTIFICATION DE PRELEVEMENT SUR UNE CARTE DE TELEPHONE MOBILE ET METHODE D'AUTORISATION**
[72] STEMER, WERNER, US
[72] CALABRESE, GERRY, US
[73] CALABRESE STEMER LLC, US
[85] 2007-10-11
[86] 2006-03-13 (PCT/US2006/008898)
[87] (WO2006/099294)
[30] US (11/077,783) 2005-03-11

---

[11] **2,604,788**
[13] C
[51] **Int.Cl. A23L 33/16 (2016.01) B01J 20/18 (2006.01)**
[25] FR
[54] **NON-MEDICINAL FOOD ADDITIVE FOR ANIMALS, SUPPLEMENTED FOODS CONTAINING SAME AND METHOD FOR IMPROVING ANIMAL GROWTH**
[54] **ADDITIF ALIMENTAIRE NON MEDICAMENTEUX POUR ANIMAUX, ALIMENTS SUPPLEMENTES LE CONTENANT ET PROCEDE POUR AMELIORER LA CROISSANCE DES ANIMAUX**
[72] HAMON, CHRISTIAN, FR
[72] GUYONVARCH, ALAIN, FR
[73] INSTITUT REGIONAL DES MATERIAUX AVANCES (IRMA), FR
[73] P&A FRANCE, FR
[85] 2007-10-15
[86] 2006-04-11 (PCT/EP2006/061530)
[87] (WO2006/108845)
[30] FR (05/03671) 2005-04-13

---

[11] **2,618,114**
[13] C
[51] **Int.Cl. G06T 3/00 (2006.01) G06T 17/20 (2006.01)**
[25] EN
[54] **RESHAPING A CAMERA IMAGE**
[54] **REMODELAGE D'IMAGE MOBILE**
[72] ANDRES DEL VALLE, ANA CRISTINA, FR
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2618114)
[87] (2618114)
[22] 2008-01-22
[30] US (11/625,937) 2007-01-23
[30] US (11/674,255) 2007-02-13

---

[11] **2,622,479**
[13] C
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **INCORPORATING A MOBILE DEVICE INTO A PEER-TO-PEER NETWORK**
[54] **INCORPORATION D'UN DISPOSITIF MOBILE DANS UN RESEAU D'EGAL A EGAL**
[72] NERST, ALEX, IL
[72] ZILBERMAN, BOAZ, IL
[73] GENBAND US LLC, US
[85] 2008-03-13
[86] 2006-05-09 (PCT/IL2006/000549)
[87] (WO2007/031981)
[30] US (60/596,318) 2005-09-15

---

[11] **2,629,453**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHOD OF TREATING OVARIAN AND RENAL CANCER USING ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN**
[54] **METHODE DE TRAITEMENT DU CANCER DE L'OVAIRE ET DU REIN UTILISANT DES ANTICORPS DIRIGES CONTRE L'ANTIGENE A DOMAINE 1 DE MUCINE ET A DOMAINE IMMUNOGLOBULINE DES LYMPHOCYTES T (TIM-1)**
[72] TSE, KAM FAI, US
[72] POLLACK, VINCENT A., US
[72] MACDOUGALL, JOHN, US
[72] SHENOY, SURESH G., US
[72] MANSFIELD, TRACI, US
[72] LICHENSTEIN, HENRI, US
[72] JEFFERS, MICHAEL E., US
[72] LAROCHELLE, WILLIAM J., US
[73] CURAGEN CORPORATION, US
[85] 2008-05-12
[86] 2006-11-13 (PCT/US2006/044090)
[87] (WO2007/059082)
[30] US (60/735,574) 2005-11-10

---

[11] **2,633,776**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/115 (2010.01) A61K 31/7105 (2006.01) A61P 35/00 (2006.01) C12N 15/11 (2006.01) C07H 21/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **IMMUNO-RNA-CONSTRUCTS**
[54] **IMMUNOCONSTRUCTIONS D'ARN**
[72] BARTH, STEFAN, DE
[72] WUELLNER, ULRICH, DE
[72] NEEF, INGA, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2008-06-18
[86] 2006-12-21 (PCT/EP2006/070116)
[87] (WO2007/071777)
[30] EP (05112660.5) 2005-12-21

[11] **2,648,996**
[13] C
[51] **Int.Cl. G07D 7/12 (2016.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPTICAL ANALYSIS OF VALUE DOCUMENTS**
[54] **APPAREIL ET METHODE D'ANALYSE OPTIQUE DES DOCUMENTS DE VALEUR**
[72] BLOSS, MICHAEL, DE
[72] CLARA, MARTIN, DE
[72] DECKENBACH, WOLFGANG, DE
[73] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
[85] 2008-10-10
[86] 2007-04-11 (PCT/EP2007/003220)
[87] (WO2007/118655)
[30] DE (10 2006 017 256.6) 2006-04-12
[30] DE (10 2006 045 624.6) 2006-09-27

---

[11] **2,650,956**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **STOCK MONITORING**
[54] **SURVEILLANCE DU STOCK**
[72] HENRY, DEAN, GB
[73] INVENTOR-E LIMITED, GB
[85] 2008-10-31
[86] 2007-05-08 (PCT/EP2007/004065)
[87] (WO2007/128572)
[30] GB (0609101.1) 2006-05-08

---

[11] **2,651,782**
[13] C
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/30 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VERIFYING CALIBRATION OF A SURGICAL DEVICE**
[54] **SYSTEME ET PROCEDE POUR VERIFIER L'ETALONNAGE D'UN DISPOSITIF CHIRURGICAL**
[72] ARATA, LOUIS, US
[72] ALY, SHERIF, US
[72] VAN VORHIS, ROBERT, US
[72] GLAUSER, SANDI, US
[72] BLACKWELL, TIMOTHY, US
[72] ABOVITZ, RONY, US
[72] FERRE, MAURICE R., US
[73] MAKO SURGICAL CORP., US
[85] 2008-11-10
[86] 2007-05-18 (PCT/US2007/011941)
[87] (WO2007/136770)
[30] US (60/801,378) 2006-05-19

---

[11] **2,653,146**
[13] C
[51] **Int.Cl. A61F 13/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **WOUND DRESSING PORT AND ASSOCIATED WOUND DRESSING**
[54] **ORIFICE DE PANSEMENT ET PANSEMENT ASSOCIE**
[72] VESS, MARK A., US
[73] SMITH & NEPHEW, INC., US
[86] (2653146)
[87] (2653146)
[22] 2009-02-10
[30] US (12/044,051) 2008-03-07

---

[11] **2,660,810**
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6813 (2018.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF CANCER AND CANCER METASTASIS**
[54] **COMPOSITIONS ET PROCEDES POUR LA THERAPIE ET LE DIAGNOSTIC DU CANCER ET D'UNE METASTASE CANCEREUSE**
[72] SAHIN, UGUR, DE
[72] TUERECI, OEZLEM, DE
[72] KOSLOWSKI, MICHAEL, DE
[73] JOHANNES GUTENBERG-UNIVERSITAET MAINZ, VERTRETEN DURCH DEN PRAESIDENTEN, DE
[73] BIONTECH AG, DE
[85] 2009-02-13
[86] 2007-10-09 (PCT/EP2007/008777)
[87] (WO2008/043525)
[30] EP (06021434.3) 2006-10-12

---

[11] **2,665,055**
[13] C
[51] **Int.Cl. G10L 15/00 (2013.01) H04M 3/493 (2006.01) H04M 3/50 (2006.01)**
[25] EN
[54] **TREATMENT PROCESSING OF A PLURALITY OF STREAMING VOICE SIGNALS FOR DETERMINATION OF RESPONSIVE ACTION THERETO**
[54] **TRAITEMENT DE MULTIPLES SIGNAUX VOCAUX DE DIFFUSION EN FLUX POUR LA DETERMINATION DE MESURES A PRENDRE**
[72] RYAN, THOMAS J., US
[72] JANAN, BIJI K., IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2665055)
[87] (2665055)
[22] 2009-04-30
[30] IN (1097/MUM/2008) 2008-05-23

---

[11] **2,669,254**
[13] C
[51] **Int.Cl. E21B 34/06 (2006.01)**
[25] EN
[54] **BACKUP SAFETY FLOW CONTROL SYSTEM FOR CONCENTRIC DRILL STRING**
[54] **EQUIPEMENT DE SECOURS POUR LA REGULATION DU DEBIT SECURITAIRE D'UN TRAIN DE TIGES DE FORAGE CONCENTRIQUE**
[72] CHAN, KWONG O., CA
[72] HE, HENRY X., CA
[73] VETCO GRAY INC., US
[86] (2669254)
[87] (2669254)
[22] 2009-06-17

---

[11] **2,670,667**
[13] C
[51] **Int.Cl. E04H 12/22 (2006.01) E04H 17/22 (2006.01)**
[25] EN
[54] **POST SLEEVE ASSEMBLY**
[54] **ENSEMBLE A MANCHON DE POTEAU**
[72] KNUDSEN, N. ERIC, US
[73] KNUDSEN, N. ERIC, US
[86] (2670667)
[87] (2670667)
[22] 2009-06-26
[30] US (12/163,506) 2008-06-27

[11] **2,673,818**
[13] C
[51] **Int.Cl. G01W 1/08 (2006.01) G01N 25/58 (2006.01) G01W 1/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FORECASTING WEATHER USING ATMOSPHERIC WATER CONTENT MEASURED ONBOARD AN AIRCRAFT**
[54] **PROCEDE ET SYSTEME DE PREVISION METEOROLOGIQUE FAISANT APPEL A LA TENEUR EN EAU ATMOSPHERIQUE MESUREE A BORD D'UN AERONEF**
[72] SPINELLI, CHARLES, US
[72] TILLOTSON, BRIAN, US
[72] ROSS, TAMAIRA, US
[73] THE BOEING COMPANY, US
[85] 2009-06-23
[86] 2007-12-20 (PCT/US2007/088302)
[87] (WO2008/094363)
[30] US (11/668,956) 2007-01-30

---

[11] **2,678,942**
[13] C
[51] **Int.Cl. H04H 20/14 (2009.01) G10L 99/00 (2013.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CHARACTERIZING MEDIA**
[54] **PROCEDES ET APPAREIL POUR CARACTERISER DES SUPPORTS**
[72] TOPCHY, ALEXANDER, US
[72] SRINIVASAN, VENUGOPAL, US
[72] RAMASWAMY, ARUN, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2009-08-20
[86] 2008-02-20 (PCT/US2008/054434)
[87] (WO2008/103738)
[30] US (60/890,680) 2007-02-20
[30] US (60/894,090) 2007-03-09

---

[11] **2,679,986**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **EPHA3 ANTIBODIES FOR THE TREATMENT OF SOLID TUMORS**
[54] **ANTICORPS EPHA3 UTILISES DANS LE TRAITEMENT DES TUMEURS SOLIDES**
[72] LACKMANN, MARTIN, AU
[72] SCOTT, ANDREW MARK, AU
[72] BEBBINGTON, CHRISTOPHER R., US
[72] YARRANTON, GEOFFREY T., US
[72] MURONE, CARMELINA, AU
[72] TO, CATHERINE, AU
[73] KALOBIOS PHARMACEUTICALS, INC., US
[73] MONASH UNIVERSITY, AU
[73] LUDWIG INSTITUTE FOR CANCER RESEARCH LIMITED, US
[85] 2009-09-03
[86] 2008-03-10 (PCT/US2008/003149)
[87] (WO2008/112192)
[30] US (60/893,848) 2007-03-08

---

[11] **2,681,704**
[13] C
[51] **Int.Cl. F24C 7/08 (2006.01) G03B 21/26 (2006.01)**
[25] EN
[54] **FUNCTION INDICATOR SYSTEM FOR ELECTRIC FIREPLACE**
[54] **SYSTEME INDICATEUR DE FONCTIONS POUR FOYER ELECTRIQUE**
[72] NEMES, TYLER, US
[72] ASOFSKY, MARK, US
[73] TWIN-STAR INTERNATIONAL, INC., US
[86] (2681704)
[87] (2681704)
[22] 2009-10-06

---

[11] **2,683,052**
[13] C
[51] **Int.Cl. B60R 16/02 (2006.01) H05K 5/00 (2006.01)**
[25] EN
[54] **CONTROL MODULE HOUSING**
[54] **BOITIER DE MODULE DE COMMANDE**
[72] WARREN, GARY, CA
[72] STEANE, STEVEN, CA
[72] VAN ROON, DARREN, CA
[72] CORMACK, ALLAN, CA
[73] FLEXTRONICS AUTOMOTIVE INC., CA
[85] 2009-10-06
[86] 2008-04-02 (PCT/IB2008/000793)
[87] (WO2008/122859)
[30] US (11/783,126) 2007-04-06

---

[11] **2,683,628**
[13] C
[51] **Int.Cl. A61K 31/592 (2006.01) A61K 31/593 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING VITAMIN D INSUFFICIENCY AND DEFICIENCY**
[54] **PROCEDE DE TRAITEMENT D'UNE INSUFFISANCE ET D'UNE CARENCE EN VITAMINE D**
[72] HELVIG, CHRISTIAN F., CA
[72] PETKOVICH, P. MARTIN, CA
[72] TABASH, SAMIR P., CA
[73] OPKO IRELAND GLOBAL HOLDINGS, LTD., KY
[85] 2009-10-09
[86] 2008-04-25 (PCT/IB2008/003480)
[87] (WO2009/047644)
[30] US (60/913,849) 2007-04-25

---

[11] **2,687,911**
[13] C
[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/12 (2006.01)**
[25] EN
[54] **A NEURAL RESPONSE SYSTEM**
[54] **SYSTEME DE REPONSE NEURONALE**
[72] LITHGOW, BRIAN JOHN, AU
[73] MONASH UNIVERSITY, AU
[85] 2009-11-23
[86] 2008-05-30 (PCT/AU2008/000778)
[87] (WO2008/144840)
[30] AU (2007902924) 2007-05-31

[11] **2,688,146**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61K 51/10 (2006.01) C07K 16/24 (2006.01) C12N 1/19 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODIES TO IL-6 AND USE THEREOF**
[54] **ANTICORPS ANTI-IL-6 ET LEUR UTILISATION**
[72] GARCIA-MARTINEZ, LEON, US
[72] JENSEN, ANNE ELISABETH CARVALHO, US
[72] OLSON, KATIE, US
[72] DUTZAR, BEN, US
[72] OJALA, ETHAN, US
[72] LATHAM, JOHN, US
[72] KOVACEVICH, BRIAN, US
[72] SMITH, JEFFREY T.L., US
[73] ALDERBIO HOLDINGS LLC, US
[85] 2009-11-23
[86] 2008-05-21 (PCT/US2008/064432)
[87] (WO2008/144763)
[30] US (60/924,550) 2007-05-21

---

[11] **2,690,926**
[13] C
[51] **Int.Cl. E21B 43/38 (2006.01) E21B 43/12 (2006.01) E21B 47/12 (2012.01) F16L 9/14 (2006.01) F16L 25/01 (2006.01) H01B 9/06 (2006.01) H01B 11/00 (2006.01)**
[25] EN
[54] **DOWNHOLE FLUID SEPARATION**
[54] **SEPARATION DES FLUIDES DE FOND**
[72] QUIGLEY, PETER A., US
[72] FEECHAN, MICHAEL, US
[73] FIBERSPAR CORPORATION, US
[86] (2690926)
[87] (2690926)
[22] 2010-01-22
[30] US (61/146,785) 2009-01-23

---

[11] **2,691,940**
[13] C
[51] **Int.Cl. C40B 50/06 (2006.01) C07K 16/00 (2006.01) C12N 15/13 (2006.01) C12Q 1/68 (2018.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01) C40B 40/08 (2006.01)**
[25] EN
[54] **METHODS FOR PROVIDING IMPROVED IMMUNOGLOBULIN SEQUENCES**
[54] **METHODES DE FOURNITURE DE SEQUENCES D'IMMUNOGLOBULINE AMELIOREES**
[72] KOLKMAN, JOOST ALEXANDER, BE
[73] ABLYNX N.V., BE
[85] 2009-12-30
[86] 2008-07-03 (PCT/EP2008/058617)
[87] (WO2009/004065)
[30] US (60/958,164) 2007-07-03

---

[11] **2,693,156**
[13] C
[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS**
[54] **DIFFERENCIATION DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES**
[72] REZANIA, ALIREZA, US
[73] LIFESCAN, INC., US
[85] 2010-01-15
[86] 2008-07-18 (PCT/US2008/070418)
[87] (WO2009/012428)
[30] US (11/779,311) 2007-07-18

---

[11] **2,695,390**
[13] C
[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/167 (2006.01) A61K 31/18 (2006.01) A61K 31/341 (2006.01) A61K 31/36 (2006.01) A61K 31/381 (2006.01) A61K 31/415 (2006.01) A61K 31/435 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **HEPATITIS C ANTIVIRAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES ANTIVIRUS DE L'HEPATITE C**
[72] EWART, GARY DINNEEN, AU
[72] LUSCOMBE, CAROLYN ANNE, US
[72] MILLER, MICHELLE, AU
[73] BIOTRON LIMITED, AU
[85] 2010-02-02
[86] 2008-08-04 (PCT/AU2008/001130)
[87] (WO2009/018609)
[30] AU (2007904154) 2007-08-03

---

[11] **2,699,702**
[13] C
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **CANCER MARKER AND THERAPEUTIC TARGET**
[54] **MARQUEUR DU CANCER ET CIBLE THERAPEUTIQUE**
[72] BALKWILL, FRANCES, GB
[72] SLETTENAAR, VIOLET, GB
[72] WILSON, JULIA, GB
[72] WANG, YAOHE, GB
[72] SCHIOPPA, TIZIANA, GB
[73] CANCER RESEARCH TECHNOLOGY LTD, GB
[85] 2010-03-16
[86] 2008-09-18 (PCT/GB2008/003160)
[87] (WO2009/037454)
[30] GB (0718167.0) 2007-09-18

[11] **2,699,865**
[13] C
[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **SCRAMBLING CODES FOR SECONDARY SYNCHRONIZATION CODES IN WIRELESS COMMUNICATION SYSTEMS**
[54] **CODES DE BROUILLAGE POUR DES CODES DE SYNCHRONISATION SECONDAIRES DANS DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] LUO, TAO, US
[72] KANNU, ARUN P., US
[72] LIU, KE, US
[72] GAAL, PETER, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-03-16
[86] 2008-10-08 (PCT/US2008/079139)
[87] (WO2009/048907)
[30] US (60/979,357) 2007-10-11
[30] US (12/245,931) 2008-10-06

---

[11] **2,701,572**
[13] C
[51] **Int.Cl. G01N 33/66 (2006.01) C12Q 1/32 (2006.01) G01N 21/77 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AN ENZYMATIC REAGENT INK**
[54] **METHODE DE FABRICATION D'UNE ENCRE A REACTION ENZYMATIQUE**
[72] CARDOSI, MARCO F., GB
[72] O'CONNELL, MICHAEL, GB
[73] LIFESCAN SCOTLAND LIMITED, GB
[86] (2701572)
[87] (2701572)
[22] 2010-04-22
[30] US (12/429376) 2009-04-24

---

[11] **2,702,371**
[13] C
[51] **Int.Cl. F22B 37/20 (2006.01)**
[25] EN
[54] **TUBE SUPPORT STRUCTURE**
[54] **STRUCTURE DE SOUTIEN D'UN TUBE**
[72] KLARNER, RICHARD G., CA
[72] ASADI, GHASEM V., CA
[73] BABCOCK & WILCOX CANADA LTD., CA
[86] (2702371)
[87] (2702371)
[22] 2010-04-28
[30] US (12/432,644) 2009-04-29

---

[11] **2,704,902**
[13] C
[51] **Int.Cl. C08J 9/08 (2006.01) C08K 3/34 (2006.01) C08L 27/12 (2006.01) C08L 27/24 (2006.01) C08L 29/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS, ADDITIVES, AND COMPOUNDS FOR MELT PROCESSABLE, FOAMABLE, AND CELLULAR FLUOROPOLYMERS**
[54] **COMPOSITIONS, ADDITIFS ET COMPOSES POUR FLUOROPOLYMERES ALVEOLAIRES, POUVANT ETRE MIS SOUS FORME DE MOUSSE ET APTES A LA FUSION**
[72] GLEW, CHARLES A., US
[73] GLEW, CHARLES A., US
[86] (2704902)
[87] (2704902)
[22] 2010-01-29
[30] US (12/590,471) 2009-11-09

---

[11] **2,706,526**
[13] C
[51] **Int.Cl. B65D 1/34 (2006.01) B65D 25/20 (2006.01) G09F 23/00 (2006.01)**
[25] EN
[54] **TRAYS FOR USE IN SECURITY SCREENING**
[54] **PLATEAUX POUR CRIBLAGE DE SECURITE**
[72] AMBREFE, JOSEPH T., JR., US
[73] SECURITY POINT HOLDINGS LLC, US
[85] 2010-05-21
[86] 2007-11-21 (PCT/US2007/085333)
[87] (WO2008/064284)
[30] US (11/603,225) 2006-11-22

---

[11] **2,706,919**
[13] C
[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONDUCTING HEMODIALYSIS AND HEMOFILTRATION**
[54] **SYSTEME ET PROCEDE POUR REALISER UNE HEMODIALYSE ET UNE HEMOFILTRATION**
[72] ROBINSON, THOMAS P., US
[72] FULKERSON, BARRY, US
[72] MISHELEVICH, DAVID, US
[72] JOSEPH, RUSSELL T., US
[72] GHIDOLI, DANIELE, US
[72] CLEMENS, CHARLES E., US
[72] BRAIG, JAMES R., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2010-05-26
[86] 2008-11-28 (PCT/US2008/085062)
[87] (WO2009/073567)
[30] US (60/990,959) 2007-11-29
[30] US (61/021,962) 2008-01-18

---

[11] **2,708,845**
[13] C
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/157 (2006.01) G01N 21/77 (2006.01) G01N 27/403 (2006.01) G01N 33/49 (2006.01) G01N 33/66 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **BLOOD GLUCOSE SENSOR**
[54] **CAPTEUR DE GLUCOSE SANGUIN**
[72] MONDRO, JASON, US
[72] SCHIFF, DAVID R., US
[72] ALBERT, JONATHAN D., US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2708845)
[87] (2708845)
[22] 2010-07-05
[30] US (12/502,594) 2009-07-14

[11] **2,708,876**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **SYSTEM FOR PREPARING A BEVERAGE FROM INGREDIENTS SUPPORTED BY AN ENCODED INSERT**
[54] **SYSTEME POUR PREPARER UNE BOISSON A PARTIR D'INGREDIENTS AU MOYEN D'UN INSERT CODE**
[72] LEUZINGER, ROMAN, CH
[72] KUGLER, RALPH, CH
[72] BONACCI, ENZO, CH
[72] DENISART, JEAN-LUC, CH
[72] TALON, CHRISTIAN, CH
[72] PLEISCH, HANSPETER, CH
[73] NESTEC S.A., CH
[85] 2010-06-09
[86] 2008-12-15 (PCT/EP2008/067510)
[87] (WO2009/077488)
[30] EP (07123472.8) 2007-12-18

---

[11] **2,709,762**
[13] C
[51] **Int.Cl. G01C 19/58 (2006.01) G01P 15/00 (2006.01)**
[25] EN
[54] **ROTATION SENSING APPARATUS AND METHODS**
[54] **DISPOSITIF ET METHODES DE DETECTION DE ROTATION**
[72] LEUNG, ALBERT M., CA
[73] SIMON FRASER UNIVERSITY, CA
[86] (2709762)
[87] (2709762)
[22] 2010-07-14
[30] US (61/226160) 2009-07-16

---

[11] **2,710,355**
[13] C
[51] **Int.Cl. B61D 7/16 (2006.01)**
[25] EN
[54] **SYSTEM AND RELATED METHOD FOR VISUALLY INDICATING A CONDITION OF A LOCK ON A RAILROAD HOPPER CAR**
[54] **SYSTEME ET METHODE D'INDICATION VISUELLE DE L'ETAT D'UN VERROU SUR UN WAGON-TREMIE**
[72] GAYDOS, CHRISTOPHER C., US
[73] MINER ENTERPRISES, INC., US
[86] (2710355)
[87] (2710355)
[22] 2010-07-16
[30] US (12/462,382) 2009-08-03

---

[11] **2,710,991**
[13] C
[51] **Int.Cl. H01J 49/26 (2006.01) H01J 3/40 (2006.01) H01J 49/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING SPACE CHARGE IN AN ION TRAP**
[54] **PROCEDE ET APPAREIL DE REDUCTION DE LA CHARGE SPATIALE DANS UN PIEGE A IONS**
[72] COLLINGS, BRUCE A., CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2010-06-28
[86] 2008-11-19 (PCT/US2008/012910)
[87] (WO2009/085081)
[30] US (61/017,203) 2007-12-28
[30] US (12/272,998) 2008-11-18

---

[11] **2,711,005**
[13] C
[51] **Int.Cl. A61K 8/362 (2006.01) A61K 8/19 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **TOOTH SENSITIVITY TREATMENT COMPOSITIONS**
[54] **COMPOSES POUR LE TRAITEMENT DES DENTS SENSIBLES**
[72] SHARMA, DEEPAK, US
[73] MCNEIL-PPC, INC., US
[86] (2711005)
[87] (2711005)
[22] 2010-07-29
[30] US (12/534,682) 2009-08-03

---

[11] **2,712,538**
[13] C
[51] **Int.Cl. B67D 3/00 (2006.01) B67D 7/36 (2010.01) B67D 7/78 (2010.01) B67D 7/80 (2010.01)**
[25] EN
[54] **WATER DISPENSER WITH A RESERVOIR SYSTEM AND FAUCET MANIFOLD THEREFOR**
[54] **DISTRIBUTEUR D'EAU A SYSTEME DE RESERVOIR ET COLLECTEUR DE ROBINET DUDIT DISTRIBUTEUR D'EAU**
[72] ALGORA, GERMAN, CA
[72] NICKERSON, TYLER, CA
[72] LIU, SHUSHENG, CN
[72] ZENG, BOHONG, CH
[73] CARDOMON HOLDINGS LIMITED, CN
[85] 2010-07-27
[86] 2009-01-28 (PCT/CA2009/000069)
[87] (WO2009/094754)
[30] US (61/006,694) 2008-01-28

---

[11] **2,714,107**
[13] C
[51] **Int.Cl. A61F 2/02 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **MEDICAL DEVICES FOR TREATING A TARGET SITE AND ASSOCIATED METHOD**
[54] **DISPOSITIFS MEDICAUX POUR LE TRAITEMENT D'UN SITE CIBLE ET METHODE ASSOCIEE**
[72] DRILLING, SARAH E., US
[72] OSLUND, JOHN C., US
[72] GLIMSDALE, MATHIAS C., US
[72] GU, XIAOPING, US
[73] ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC., US
[85] 2010-08-04
[86] 2009-02-11 (PCT/US2009/033717)
[87] (WO2009/105365)
[30] US (61/066,170) 2008-02-19

[11] **2,714,261**
[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **REVERSIBLE CAP FOR PEN NEEDLE OUTER COVER**
[54] **CAPUCHON REVERSIBLE POUR CHAPEAU EXTERIEUR D'AIGUILLE DE STYLO INJECTEUR**
[72] DIBIASI, MICHAEL A., US
[72] BANIK, ROBERT, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2714261)
[87] (2714261)
[22] 2010-09-01
[30] US (12/563,096) 2009-09-18

---

[11] **2,716,630**
[13] C
[51] **Int.Cl. H01L 43/12 (2006.01) H01L 21/8246 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A MAGNETIC TUNNEL JUNCTION STRUCTURE**
[54] **PROCEDE DE FORMATION D'UNE STRUCTURE A JONCTION A EFFET TUNNEL MAGNETIQUE**
[72] LI, XIA, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-08-24
[86] 2009-02-23 (PCT/US2009/034836)
[87] (WO2009/111197)
[30] US (12/041,957) 2008-03-04

---

[11] **2,719,386**
[13] C
[51] **Int.Cl. B65H 43/08 (2006.01) B65H 35/00 (2006.01) B65H 35/10 (2006.01) G07B 3/00 (2006.01)**
[25] EN
[54] **METHODS AND A SYSTEM FOR DISPENSING**
[54] **METHODES ET SYSTEME POUR DISPOSITIF DE DISTRIBUTION**
[72] DALAS, APOSTOLOS, GR
[72] ALEXOPOULOS, ILIAS, GR
[73] INTRALOT S.A. - INTEGRATED LOTTERY SYSTEMS AND SERVICES, GR
[86] (2719386)
[87] (2719386)
[22] 2010-10-29

---

[11] **2,719,596**
[13] C
[51] **Int.Cl. B31B 50/28 (2017.01) B31F 1/00 (2006.01)**
[25] EN
[54] **METHODS AND A MACHINE FOR FORMING A CONTAINER FROM A BLANK**
[54] **METHODES ET MACHINE DE FACONNAGE DE CONTENANT A PARTIR D'UN FLAN**
[72] GRAHAM, THOMAS DEAN, US
[72] AGANOVIC, AMER, US
[72] ANDERSON, RICKI D., US
[72] CHAPMAN, JEFFREY H., US
[73] ROCK-TENN SHARED SERVICES, LLC, US
[86] (2719596)
[87] (2719596)
[22] 2010-11-01
[30] US (61/257,359) 2009-11-02
[30] US (12/915,862) 2010-10-29

---

[11] **2,720,351**
[13] C
[51] **Int.Cl. B63C 9/087 (2006.01) B63C 9/06 (2006.01)**
[25] EN
[54] **SALVAGE SUIT FOR SHIPWRECKS**
[54] **COMBINAISON DE SAUVETAGE POUR NAUFRAGES**
[72] NUNEZ, KARINA BEATRIZ, AR
[73] VIGNOLA, MARIO CESAR, AR
[86] (2720351)
[87] (2720351)
[22] 2010-11-05
[30] AR (P20090104306) 2009-11-06

---

[11] **2,723,306**
[13] C
[51] **Int.Cl. A21D 13/00 (2017.01) A21D 8/04 (2006.01) C12N 9/48 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION TO IMPROVE SHORT BITE OF BAKERY PRODUCTS**
[54] **PROCEDE ET COMPOSITION POUR AMELIORER LA FACILITE A MACHER DES PRODUITS DE BOULANGERIE**
[72] VAN WINCKEL, BRUNO, BE
[72] VERTE, FABIENNE, BE
[73] PURATOS N.V., BE
[85] 2010-11-02
[86] 2009-05-14 (PCT/EP2009/055819)
[87] (WO2009/138447)
[30] EP (08156398.3) 2008-05-16

---

[11] **2,723,660**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 12/06 (2009.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SYSTEM TO CONFIGURE AND MANAGE ROUTERS THROUGH WIRELESS COMMUNICATION**
[54] **SYSTEME PERMETTANT DE GERER ET CONFIGURER DES ROUTEURS AU MOYEN DE LA COMMUNICATION SANS FIL**
[72] MAGNUSON, PHILLIP T., US
[72] JOHNSON, DAVID ALAN, US
[72] BUTTARS, JEFF, US
[72] MCNUTT, GORDON, US
[73] CRADLEPOINT, INC., US
[86] (2723660)
[87] (2723660)
[22] 2010-12-03
[30] US (61/266,935) 2009-12-04
[30] US (12/958,973) 2010-12-02

---

[11] **2,723,698**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/02 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHOD OF PREVENTING THE DEVELOPMENT OF RHEUMATOID ARTHRITIS IN SUBJECTS WITH UNDIFFERENTIATED ARTHRITIS**
[54] **PROCEDE DE PREVENTION DU DEVELOPPEMENT D'UNE POLYARTHRITE RHUMATOIDE CHEZ DES SUJETS AYANT UNE ARTHRITE INDIFFERENCIEE**
[72] VRATSANOS, GEORGE, US
[72] BECKER, JEAN-CLAUDE, US
[72] CORBO, MICHAEL, US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2010-11-05
[86] 2009-05-05 (PCT/US2009/042761)
[87] (WO2009/137424)
[30] US (61/050,336) 2008-05-05
[30] US (12/387,359) 2009-05-01

[11] **2,724,132**
[13] C
[51] **Int.Cl. G01N 35/00 (2006.01) C12N 1/34 (2006.01) C07K 1/22 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **AMPLIFICATION SYSTEM WITH SPATIAL SEPARATION**
[54] **SYSTEME D'AMPLIFICATION AVEC SEPARATION SPATIALE**
[72] BERNET, ROLAND, CH
[72] GISLER, ANDREAS, CH
[72] KAEPPELI, MARCEL, CH
[72] OCHSENBEIN, RAYMOND, CH
[72] SCHLAUBITZ, THOMAS, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2724132)
[87] (2724132)
[22] 2010-12-07
[30] EP (09178713.5) 2009-12-10
[30] EP (10158862.2) 2010-03-31

---

[11] **2,724,491**
[13] C
[51] **Int.Cl. A63C 1/02 (2006.01) A63C 1/32 (2006.01) A63C 17/06 (2006.01)**
[25] EN
[54] **AN IMPROVED FRAME STRUCTURE FOR SKATES**
[54] **STRUCTURE DE CADRE AMELIOREE POUR PATINS**
[72] DAVIS, STEPHEN J., US
[72] CONTE, STEFANO, IT
[72] GAZZARA, ROBERTO, IT
[72] PEZZATO, MAURO, IT
[72] PINAFFO, MAURO, IT
[72] POZZOBON, MICHELE, IT
[73] PRINCE SPORTS, INC., US
[85] 2010-11-15
[86] 2009-07-01 (PCT/IB2009/052868)
[87] (WO2010/001351)
[30] EP (08159664.5) 2008-07-03

---

[11] **2,724,857**
[13] C
[51] **Int.Cl. B64C 13/12 (2006.01)**
[25] FR
[54] **TESTING DEVICE TO DETECT LOAD BEARING BY A SECONDARY CHANNEL OF A FLIGHT CONTROL ACTUATOR AND ASSOCIATED TESTING PROCESS**
[54] **DISPOSITIF DE TEST DE LA DETECTION DE LA REPRISE EFFORT PAR UNE VOIE SECONDAIRE D'UN ACTIONNEUR DE COMMANDE DE VOL, ET PROCEDE DE TEST ASSOCIE**
[72] MOULON, THOMAS, FR
[72] TURPIN, PIERRE, FR
[73] GOODRICH ACTUATION SYSTEMS SAS, FR
[86] (2724857)
[87] (2724857)
[22] 2010-12-08
[30] FR (0958738) 2009-12-08

---

[11] **2,725,917**
[13] C
[51] **Int.Cl. A61L 2/16 (2006.01) B67D 7/42 (2010.01) B67D 7/84 (2010.01) A47L 25/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SANITIZING A HANDLE**
[54] **SYSTEME ET PROCEDE DE DESINFECTION D'UNE POIGNEE**
[72] VAN ZIJL, ERIC H., CA
[73] VAN Z SOLUTIONS, CA
[86] (2725917)
[87] (2725917)
[22] 2010-12-20
[30] US (61/288,599) 2009-12-21

---

[11] **2,726,622**
[13] C
[51] **Int.Cl. B01J 37/08 (2006.01) B01J 23/50 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CATALYST POWDER**
[54] **PROCEDE POUR LA PREPARATION D'UNE POUDRE CATALYTIQUE**
[72] NORTON, DANIEL GEORGE, US
[72] LEWIS, LARRY NEIL, US
[72] SHANKLIN, ELLIOTT WEST, US
[72] KLUG, FREDERIC JOSEPH, US
[72] VENKATARAMANI, VENKAT SUBRAMANIAM, US
[72] LYONS, ROBERT JOSEPH, US
[72] HANCU, DAN, US
[72] WINKLER, BENJAMIN HALE, US
[72] KESHAVAN, HRISHIKESH, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2726622)
[87] (2726622)
[22] 2010-12-30
[30] US (12/652,808) 2010-01-06

---

[11] **2,726,676**
[13] C
[51] **Int.Cl. E04H 12/28 (2006.01) F23J 11/00 (2006.01) F23J 11/12 (2006.01) F23J 13/00 (2006.01) F23J 13/08 (2006.01) F23J 15/00 (2006.01) F23J 99/00 (2006.01)**
[25] EN
[54] **COVER FOR A CHIMNEY**
[54] **CHAPEAU POUR CHEMINEE**
[72] D'HERVILLE, NEVILLE DONALD, NZ
[73] D'HERVILLE, FLORENCE ANNE, NZ
[73] D'HERVILLE, NEVILLE DONALD, NZ
[85] 2010-12-02
[86] 2009-07-16 (PCT/NZ2009/000143)
[87] (WO2010/008305)
[30] NZ (569850) 2008-07-16

[11] **2,727,051**
[13] C
[51] **Int.Cl. H02G 3/02 (2006.01) H01R 9/16 (2006.01) H01R 13/514 (2006.01)**
[25] EN
[54] **MODULAR WIRING SYSTEM WITH LOCKING ELEMENTS**
[54] **SYSTEME DE CABLAGE MODULAIRE COMPORTANT DES ELEMENTS DE VERROUILLAGE**
[72] ARENAS, ALFREDO, US
[72] EDER, JOHN, US
[72] ENDRES, PAUL, US
[72] GANTA, SUNIL, US
[73] LEVITON MANUFACTURING COMPANY, INC., US
[86] (2727051)
[87] (2727051)
[22] 2011-01-07
[30] US (12/685,656) 2010-01-11

[11] **2,727,136**
[13] C
[51] **Int.Cl. A23L 3/3454 (2006.01) B05D 1/02 (2006.01)**
[25] EN
[54] **METHOD OF INJECTING SOLUTION INTO A MISTING LINE**
[54] **PROCEDE D'INJECTION D'UNE SOLUTION DANS UN CONDUIT DE NEBULISATION**
[72] DIBELLO, GERALD N., US
[72] PIXLEY, NOEL J., US
[72] HALL, ROGER D., US
[72] KOONTZ, GEOFFREY RICHARD, US
[73] CHEMSTAR CORP., US
[86] (2727136)
[87] (2727136)
[22] 2011-01-06
[30] US (61/292,698) 2010-01-06

[11] **2,728,468**
[13] C
[51] **Int.Cl. G06K 19/06 (2006.01) B29C 47/04 (2006.01) G06K 19/02 (2006.01)**
[25] EN
[54] **DATA CARRIER CARD AND METHOD FOR PRODUCING A DATA CARRIER CARD**
[54] **CARTE DE SUPPORT DE DONNEES ET PROCEDE DE FABRICATION CONNEXE**
[72] RIEDL, JOSEF, DE
[73] GIESECKE+DEVRIENT MOBILE SECURITY GMBH, DE
[85] 2010-12-17
[86] 2009-06-19 (PCT/EP2009/004453)
[87] (WO2009/153056)
[30] DE (10 2008 029 433.0) 2008-06-20

[11] **2,729,472**
[13] C
[51] **Int.Cl. H05B 41/282 (2006.01)**
[25] EN
[54] **INTERNAL POWER SUPPLY FOR A BALLAST**
[54] **ALIMENTATION INTERIEURE D'UN BALLAST**
[72] ZIEGLER, MARKUS, MX
[73] OSRAM SYLVANIA INC., US
[85] 2010-12-23
[86] 2009-06-22 (PCT/US2009/048092)
[87] (WO2010/002612)
[30] US (12/165,191) 2008-06-30

[11] **2,729,554**
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6851 (2018.01) C12Q 1/6858 (2018.01)**
[25] EN
[54] **MOLECULAR SIGNATURE OF LIVER TUMOR GRADE AND USE TO EVALUATE PROGNOSIS AND THERAPEUTIC REGIMEN**
[54] **SIGNATURE MOLECULAIRE DU NIVEAU DE TUMEUR HEPATIQUE ET SON UTILISATION POUR EVALUER LE PRONOSTIC ET LE REGIME THERAPEUTIQUE**
[72] BUENDIA, MARIE ANNICK, FR
[72] ARMENGOL NIELL, CAROLINA, ES
[72] CAIRO, STEFANO, FR
[72] DE REYNIES, AURELIEN, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] INSTITUT PASTEUR, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2010-12-24
[86] 2009-06-26 (PCT/IB2009/006450)
[87] (WO2009/156858)
[30] EP (08290628.0) 2008-06-27
[30] EP (09151808.4) 2009-01-30

[11] **2,730,243**
[13] C
[51] **Int.Cl. C12N 15/10 (2006.01) C07K 16/00 (2006.01) C12N 5/10 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **SURFACE DISPLAY OF WHOLE ANTIBODIES IN EUKARYOTES**
[54] **PRESENTATION DE SURFACE D'ANTICORPS ENTIERS CHEZ LES EUCARYOTES**
[72] BIANKA, PRINZ, US
[72] SETHURAMAN, NATARAJAN, US
[72] ZHA, DONGXING, US
[72] WILDT, STEFAN, US
[72] BOBROWICZ, PIOTR, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2011-01-07
[86] 2009-07-02 (PCT/US2009/049507)
[87] (WO2010/005863)
[30] US (61/134,331) 2008-07-09
[30] US (61/208,583) 2009-02-25

[11] **2,730,820**
[13] C
[51] **Int.Cl. B65G 17/24 (2006.01) B65G 47/00 (2006.01) B65G 49/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CONVEYING AND/OR ACCUMULATING ARTICLES**
[54] **DISPOSITIF DE TRANSPORT ET/OU D'ACCUMULATION D'ARTICLES**
[72] ECKERT, LAURA, DE
[73] KRONES AG, DE
[86] (2730820)
[87] (2730820)
[22] 2011-02-01
[30] DE (102010002039.7) 2010-02-17

---

[11] **2,731,994**
[13] C
[51] **Int.Cl. G06F 1/20 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **LIQUID SUBMERGED, HORIZONTAL COMPUTER SERVER RACK AND SYSTEMS AND METHODS OF COOLING SUCH A SERVER RACK**
[54] **SUPPORT DE SERVEUR INFORMATIQUE HORIZONTAL SUBMERGE DANS UN LIQUIDE, SYSTEMES ET PROCEDES DE REFROIDISSEMENT D'UN TEL SUPPORT DE SERVEUR**
[72] BEST, CHRISTIAAN, US
[72] GARNETT, MARK, US
[73] GREEN REVOLUTION COOLING, INC., US
[85] 2011-01-25
[86] 2009-08-10 (PCT/US2009/053305)
[87] (WO2010/019517)
[30] US (61/188,589) 2008-08-11
[30] US (61/163,443) 2009-03-25
[30] US (61/165,470) 2009-03-31

---

[11] **2,732,114**
[13] C
[51] **Int.Cl. H02G 3/08 (2006.01)**
[25] EN
[54] **UNIVERSAL BOX SYSTEM**
[54] **SYSTEME DE BOITIER ELECTRIQUE UNIVERSEL**
[72] CASTALDO, COSMO, US
[73] LEVITON MANUFACTURING COMPANY, INC., US
[86] (2732114)
[87] (2732114)
[22] 2011-02-17
[30] US (12/787,336) 2010-05-25

---

[11] **2,732,178**
[13] C
[51] **Int.Cl. H04B 1/12 (2006.01) G08G 3/02 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **METHOD OF RECOVERING A SIGNAL FROM A SET OF SIGNALS COLLECTED BY SATELLITE**
[54] **PROCEDE DE RECUPERATION D'UN SIGNAL PARMI UN GROUPE DE SIGNAUX COLLECTES PAR SATELLITE**
[72] CALMETTES, THIBAUD, FR
[72] CHALLAMEL, REMI, FR
[73] THALES, FR
[86] (2732178)
[87] (2732178)
[22] 2011-02-18
[30] FR (10 00702) 2010-02-19

---

[11] **2,732,883**
[13] C
[51] **Int.Cl. C07C 237/26 (2006.01) C07C 239/20 (2006.01) C07C 275/16 (2006.01) C07C 275/42 (2006.01) C07C 311/08 (2006.01) C07C 311/21 (2006.01) C07D 205/04 (2006.01) C07D 207/08 (2006.01) C07D 207/10 (2006.01) C07D 207/12 (2006.01) C07D 207/14 (2006.01) C07D 207/16 (2006.01) C07D 207/34 (2006.01) C07D 209/44 (2006.01) C07D 209/52 (2006.01)**
[25] EN
[54] **C7-FLUORO SUBSTITUTED TETRACYCLINE COMPOUNDS**
[54] **COMPOSES DE TETRACYCLINE C7-FLUOROSUBSTITUEE**
[72] ZHOU, JINGYE, US
[72] XIAO, XIAO-YI, US
[72] PLAMONDON, LOUIS, US
[72] HUNT, DIANA KATHARINE, US
[72] CLARK, ROGER B., US
[72] ZAHLER, ROBERT B., US
[73] TETRAPHASE PHARMACEUTICALS, INC., US
[85] 2011-02-01
[86] 2009-08-07 (PCT/US2009/053142)
[87] (WO2010/017470)
[30] US (61/188,307) 2008-08-08

---

[11] **2,733,259**
[13] C
[51] **Int.Cl. C12M 1/34 (2006.01) G01N 15/10 (2006.01) G01N 15/14 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **CELL ANALYSIS APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES D'ANALYSE DE CELLULE**
[72] SHARPE, JOHNATHAN C., NZ
[72] EVANS, KENNETH M., US
[73] XY, LLC, US
[85] 2011-02-07
[86] 2008-08-21 (PCT/US2008/073915)
[87] (WO2010/021627)

---

[11] **2,733,609**
[13] C
[51] **Int.Cl. C12Q 1/6816 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6876 (2018.01) C07H 21/00 (2006.01) C40B 40/06 (2006.01)**
[25] EN
[54] **STABLE NANOREPORTERS**
[54] **NANOREPORTEURS STABLES**
[72] DAHL, TIM, US
[72] WEBSTER, PHILIPPA J., US
[73] NANOSTRING TECHNOLOGIES, INC., US
[85] 2011-02-09
[86] 2009-08-13 (PCT/US2009/053790)
[87] (WO2010/019826)
[30] US (61/088,988) 2008-08-14

---

[11] **2,735,650**
[13] C
[51] **Int.Cl. A61B 18/12 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT WITH NON-CONTACT ELECTRICAL COUPLING**
[54] **INSTRUMENT CHIRURGICAL AVEC COUPLAGE ELECTRIQUE SANS CONTACT**
[72] KERR, DUANE E., US
[73] TYCO HEALTHCARE GROUP, LP, US
[86] (2735650)
[87] (2735650)
[22] 2011-03-31
[30] US (12/758,524) 2010-04-12

[11] **2,737,367**
[13] C
[51] **Int.Cl. C10G 69/04 (2006.01) C10G 69/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING A CRUDE PRODUCT**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'UN PRODUIT BRUT**
[72] CHABOT, JULIE, US
[72] KOU, BO, US
[72] BRENNAN, VIVION ANDREW, US
[72] MARIS, ERIN, US
[72] YANG, SHUWU, US
[72] REYNOLDS, BRUCE, US
[72] BISWAS, GOUTAM, US
[72] FARSHID, DARUSH, US
[72] CHEN, KAIDONG, US
[73] CHEVRON U.S.A. INC., US
[85] 2011-03-15
[86] 2009-09-15 (PCT/US2009/056915)
[87] (WO2010/033480)
[30] US (12/233,171) 2008-09-18
[30] US (12/233,393) 2008-09-18
[30] US (12/233,439) 2008-09-18
[30] US (12/212,796) 2008-09-18
[30] US (12/212,737) 2008-09-18
[30] US (12/233,327) 2008-09-18

---

[11] **2,739,115**
[13] C
[51] **Int.Cl. F21V 33/00 (2006.01) F21K 9/00 (2016.01) F21K 9/27 (2016.01) G08B 13/196 (2006.01) G08B 17/00 (2006.01) G08B 25/10 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING INCLUDING INTEGRAL COMMUNICATION APPARATUS**
[54] **ECLAIRAGE COMPRENANT UN APPAREIL DE COMMUNICATION INTEGRE**
[72] SIMON, DAVID L., US
[72] IVEY, JOHN, US
[73] ILUMISYS, INC., US
[85] 2011-03-30
[86] 2009-09-16 (PCT/US2009/057109)
[87] (WO2010/047898)
[30] US (12/257,691) 2008-10-24

---

[11] **2,740,013**
[13] C
[51] **Int.Cl. H04J 14/02 (2006.01) H04Q 11/00 (2006.01)**
[25] EN
[54] **FTTH RF OVER GLASS (RFOG) ARCHITECTURE AND CPE**
[54] **ARCHITECTURE DE FTTH RF SUR VERRE (RFOG) ET EQUIPEMENT DE LOCAL CLIENT (CPE)**
[72] MYSORE, SUDHESH, US
[72] BARKER, CHARLES, US
[72] SNIEZKO, OLEH, US
[72] PRADZYNSKI, KRZYSZTOF, US
[73] ARRIS SOLUTIONS, INC., US
[85] 2011-04-08
[86] 2009-10-13 (PCT/US2009/005595)
[87] (WO2010/042232)
[30] US (61/195,807) 2008-10-10

---

[11] **2,740,260**
[13] C
[51] **Int.Cl. A61B 5/055 (2006.01) A61B 6/00 (2006.01) A61B 8/00 (2006.01) A61B 8/06 (2006.01) G01R 33/28 (2006.01) G01S 7/52 (2006.01)**
[25] EN
[54] **REAL-TIME PERFUSION IMAGING AND QUANTIFICATION**
[54] **IMAGERIE ET QUANTIFICATION DE PERFUSION EN TEMPS REEL**
[72] FRINKING, PETER, CH
[72] MERCIER, LAURENT, CH
[72] ROGNIN, NICOLAS, CH
[72] ARDITI, MARCEL, CH
[73] BRACCO SUISSE SA, CH
[85] 2011-04-11
[86] 2009-11-23 (PCT/EP2009/065668)
[87] (WO2010/058014)
[30] EP (08169794.8) 2008-11-24

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[11] **2,741,165**
[13] C
[51] **Int.Cl. B28B 1/16 (2006.01) B28B 1/52 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING A WOOD WOOL CONSTRUCTION ELEMENT, A CONSTRUCTION ELEMENT OBTAINED THEREWITH AND A PRODUCTION FACILITY THEREFORE**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE CONSTRUCTION EN LAINE DE BOIS, ELEMENT DE CONSTRUCTION OBTENU AVEC CELUI-CI ET SON INSTALLATION DE FABRICATION**
[72] VAN ELTEN, GERRIT JAN, NL
[72] VAN ELTEN, PAULUS ELBERTUS, NL
[72] VAN ELTEN, ELBERTUS JOHANNES, NL
[73] THERMOFORM NEDERLAND B.V., NL
[85] 2011-04-19
[86] 2009-11-04 (PCT/NL2009/000210)
[87] (WO2010/053353)
[30] NL (2002167) 2008-11-04

---

[11] **2,741,944**
[13] C
[51] **Int.Cl. C08J 9/00 (2006.01) B29B 7/40 (2006.01) B29B 7/46 (2006.01) B29B 7/90 (2006.01) C08J 3/20 (2006.01) C08J 9/06 (2006.01)**
[25] EN
[54] **FOAMED PVC PROFILES WITH A HIGH MINERAL FILLER CONTENT AND THEIR USES**
[54] **PROFILES EN PVC EXPANSE A TENEUR ELEVEE EN CHARGE MINERALE ET UTILISATIONS DE CES PROFILES**
[72] BUSSELS, RAF, BE
[72] GABRIELS, JOSEPH PHILIP, BE
[72] SPIJKERMAN, CHRISTIANUS JOHANNES, NL
[73] EUROCELL PROFILES, LTD., GB
[85] 2011-04-28
[86] 2009-10-30 (PCT/EP2009/064398)
[87] (WO2010/049530)
[30] BE (2008/0595) 2008-10-31
[30] US (61/110,292) 2008-10-31

[11] **2,741,969**
[13] C
[51] **Int.Cl. C08J 9/00 (2006.01) B29B 7/40 (2006.01) C08J 3/00 (2006.01) C08J 9/06 (2006.01) C08K 5/20 (2006.01)**
[25] EN
[54] **PVC PROFILES WITH HIGH CONTENTS OF MINERAL FILLER AND THEIR USES**
[54] **PROFILES EN PVC A TENEUR ELEVEE EN CHARGE MINERALE ET UTILISATIONS DE CES PROFILES EN PVC**
[72] BUSSELS, RAF, BE
[72] GABRIELS, JOSEPH PHILIP, BE
[72] SPIJKERMAN, CHRISTIANUS JOHANNES, NL
[73] EUROCELL PROFILES, LTD., GB
[85] 2011-04-28
[86] 2009-10-30 (PCT/EP2009/064401)
[87] (WO2010/049532)
[30] BE (2008/0593) 2008-10-31
[30] US (61/110,204) 2008-10-31

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[11] **2,745,085**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01)**
[25] EN
[54] **TRICYCLIC AZAINDOLES**
[54] **AZAINDOLES TRICYCLIQUES**
[72] JONES, CHRISTOPHER CHARLES VICTOR, US
[72] HUCK, BAYARD R., US
[72] SUTTON, AMANDA E., US
[72] ASKEW, BENNY C., JR., US
[72] BRUGGER, NADIA, US
[72] SMITH, GARRY R., US
[73] MERCK PATENT GMBH, DE
[85] 2011-05-26
[86] 2009-12-03 (PCT/US2009/066534)
[87] (WO2010/080253)
[30] US (61/203,022) 2008-12-18

---

[11] **2,745,592**
[13] C
[51] **Int.Cl. A61K 47/61 (2017.01) A61K 49/00 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TRANSPORT-MEDIATING COLLOID MEDICINAL COMPOUNDS**
[54] **COMPOSES MEDICAMENTS-COLLOIDES MEDIATEURS DE TRANSPORT**
[72] MEIER, BERND HORST, DE
[72] JANKOWIAK-MEIER, IRIS THERESIA, DE
[72] MEIER, NELE, DE
[72] MEIER, CLARA, DE
[73] B. BRAUN MELSUNGEN AG, DE
[85] 2011-06-02
[86] 2009-12-07 (PCT/EP2009/008718)
[87] (WO2010/063491)
[30] DE (10 2008 060 603.0) 2008-12-06
[30] DE (10 2009 015 085.4) 2009-03-31
[30] DE (10 2009 032 359.7) 2009-07-08

---

[11] **2,746,652**
[13] C
[51] **Int.Cl. C07D 311/36 (2006.01) A61K 31/352 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF GENISTEIN**
[54] **FORMES CRISTALLINES DE LA GENISTEINE**
[72] BERKENSTAM, ANDERS, SE
[72] REHNMARK, STEFAN, SE
[72] WITT, MICHAEL-ROBIN, SE
[72] LORIMER, KEITH, GB
[72] WATT, STEPHEN, GB
[73] AXCENTUA PHARMACEUTICALS AB, SE
[85] 2011-06-10
[86] 2009-12-11 (PCT/US2009/067664)
[87] (WO2010/068861)
[30] US (61/121,787) 2008-12-11
[30] US (61/121,778) 2008-12-11

---

[11] **2,746,776**
[13] C
[51] **Int.Cl. G01N 23/046 (2018.01)**
[25] EN
[54] **METHOD FOR IDENTIFYING A PIECE OF WOOD AMONGST A PLURALITY OF STARTING PIECES OF WOOD**
[54] **METHODE D'IDENTIFICATION D'UNE PIECE DE BOIS PARMI UNE PLURALITE DE PIECES DE BOIS DE DEPART**
[72] GIUDICEANDREA, FEDERICO, IT
[72] VICARIO, ENRICO, IT
[73] MICROTEC S.R.L., IT
[86] (2746776)
[87] (2746776)
[22] 2011-07-18
[30] IT (VR2010A000145) 2010-07-20

---

[11] **2,747,831**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **UNIFIED IDENTITY VERIFICATION**
[54] **VERIFICATION D'IDENTITE UNIFIEE**
[72] PELEGERO, RENE M., US
[73] PAYPAL, INC., US
[85] 2011-06-20
[86] 2009-12-31 (PCT/US2009/069963)
[87] (WO2010/078522)
[30] US (12/347,907) 2008-12-31

---

[11] **2,747,860**
[13] C
[51] **Int.Cl. A61K 8/33 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01)**
[25] FR
[54] **COSMETIC COMPOSITION CONTAINING A LOCUST BEAN GUM HYDROLYSATE**
[54] **COMPOSITION COSMETIQUE COMPRENANT UN HYDROLYSAT DE GOMME DE CAROUBE**
[72] FABRE, BERNARD, FR
[72] FIORINI-PUYBARET, CHRISTEL, FR
[73] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2011-06-20
[86] 2009-12-23 (PCT/EP2009/067831)
[87] (WO2010/072801)
[30] FR (0859025) 2008-12-23

[11] **2,748,149**
[13] C
[51] **Int.Cl. C07K 14/315 (2006.01) A61K 39/09 (2006.01) A61P 31/04 (2006.01) C07K 16/12 (2006.01) C12N 15/31 (2006.01)**
[25] EN
[54] **MODIFIED STEPTOCOCCUS PNEUMONIA PNEUMOLYSIN (PLY) POLYPEPTIDES**
[54] **POLYPEPTIDES DE PNEUMOLYSINE DE STREPTOCOCCUS PNEUMONIAE MODIFIES**
[72] OLOO, ELIUD, CA
[72] OOMEN, RAYMOND, CA
[72] OCHS-ONOLEMHEMHEN, MARTINA, CA
[72] YETHON, JEREMY, CA
[73] THE KINGDOM OF THE NETHERLANDS, REPRESENTED BY THE MINISTER OF HEALTH, WELFARE AND SPORT, ON BEHALF OF THE MINISTER, THE NATIONAL INSTITUTE OF PUBLIC HEALTH AND THE ENVIRONMENT, NL
[85] 2011-06-22
[86] 2009-12-22 (PCT/CA2009/001843)
[87] (WO2010/071986)
[30] US (61/140,804) 2008-12-24

[11] **2,748,738**
[13] C
[51] **Int.Cl. D04H 1/732 (2012.01)**
[25] EN
[54] **APPARATUS FOR MAKING A FIBROUS ARTICLE**
[54] **APPAREIL SERVANT A LA FABRICATION D'UN ARTICLE FIBREUX**
[72] ALKMIN, MARCO ANTONIO, BR
[72] CAU, JOSE FRANCISCO, BR
[72] COUTINHO, JOSE MANOEL SOARES, BR
[72] HERNANDEZ, FRANCISCO J. V., BR
[72] RIMOLI, FRANCISCO ANTONIO, BR
[72] NETO, FRANCISCO SAVASTANO, BR
[73] EDGEWELL PERSONAL CARE CANADA, ULC, CA
[86] (2748738)
[87] (2748738)
[22] 2011-08-11
[30] US (12/855,077) 2010-08-12

[11] **2,749,823**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR AMINE EMISSION CONTROL**
[54] **PROCEDE ET INSTALLATION POUR LA REGULATION DE L'EMISSION D'AMINES**
[72] BADE, OTTO MORTEN, NO
[72] GORSET, ODDVAR, NO
[72] GRAFF, OSCAR FREDRIK, NO
[72] WOODHOUSE, SIMON, NO
[73] AKER CLEAN CARBON AS, NO
[85] 2011-07-14
[86] 2010-02-12 (PCT/EP2010/051775)
[87] (WO2010/102877)
[30] NO (2009 1103) 2009-03-13

[11] **2,749,931**
[13] C
[51] **Int.Cl. A61K 31/12 (2006.01)**
[25] EN
[54] **USE OF PTEROSIN COMPOUNDS FOR TREATING DIABETES AND OBESITY**
[54] **UTILISATION DE COMPOSES PTEROSINE POUR TRAITER LE DIABETE ET L'OBESITE**
[72] HSU, FENG-LIN, TW
[72] LIU, SHING-HWA, TW
[72] UANG, BIING-JUAN, TW
[73] TAIPEI MEDICAL UNIVERSITY, TW
[73] NATIONAL TAIWAN UNIVERSITY, CN
[73] NATIONAL TSING HUA UNIVERSITY, TW
[73] DCB-USA LLC, US
[85] 2011-07-15
[86] 2010-01-26 (PCT/US2010/022129)
[87] (WO2010/085811)
[30] US (61/147,382) 2009-01-26

[11] **2,750,297**
[13] C
[51] **Int.Cl. G02B 27/09 (2006.01) H01S 3/06 (2006.01)**
[25] EN
[54] **NOVEL PHOTONIC DEVICES BASED ON CONICAL REFRACTION**
[54] **NOUVEAUX DISPOSITIFS PHOTONIQUES BASES SUR LA REFRACTION CONIQUE**
[72] RAFAILOV, EDIK, GB
[72] ABDOLVAND, AMIN, GB
[72] KALKANDJIEV, TODOR, GB
[73] THE UNIVERSITY OF DUNDEE, GB
[85] 2011-07-21
[86] 2010-01-21 (PCT/GB2010/000091)
[87] (WO2010/084317)
[30] GB (0900956.4) 2009-01-21
[30] GB (0920731.7) 2009-11-27

[11] **2,750,306**
[13] C
[51] **Int.Cl. F04B 47/00 (2006.01) F04B 47/12 (2006.01)**
[25] EN
[54] **RECIPROCATING PUMP FLOW CONTROL**
[54] **REGULATION DE DEBIT DE POMPE A MOUVEMENT ALTERNATIF**
[72] HARTONO, SOEGI, CA
[72] SCEKIC, VLADIMIR, CA
[72] TURNBULL, RUSSELL, CA
[73] MIVA ENGINEERING LTD., CA
[86] (2750306)
[87] (2750306)
[22] 2011-08-23
[30] US (61/376,606) 2010-08-24

[11] **2,750,620**
[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 39/28 (2006.01)**
[25] EN
[54] **INFUSION PUMP CASSETTE WITH ANTI-FREE-FLOW VALVE MECHANISM**
[54] **BOITIER DE POMPE DE PERFUSION A MECANISME DE VANNE D'INTERRUPTION D'ECOULEMENT**
[72] HARIHARESAN, SERALAATHAN, US
[72] HIGHLEY, BRIAN, US
[73] NESTEC S.A., CH
[85] 2011-07-25
[86] 2010-01-22 (PCT/US2010/021721)
[87] (WO2010/088143)
[30] US (61/148,863) 2009-01-30

---

[11] **2,751,130**
[13] C
[51] **Int.Cl. C12P 19/34 (2006.01) A61K 31/713 (2006.01) C12N 15/10 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12Q 1/6844 (2018.01)**
[25] EN
[54] **PRODUCTION OF CLOSED LINEAR DNA**
[54] **PRODUCTION D'ADN LINEAIRE FERME**
[72] HILL, VANESSA, GB
[73] TOUCHLIGHT GENETICS LIMITED, GB
[85] 2011-07-29
[86] 2010-02-01 (PCT/GB2010/000165)
[87] (WO2010/086626)
[30] GB (0901593.4) 2009-01-30

---

[11] **2,751,330**
[13] C
[51] **Int.Cl. C07D 319/06 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **TUNED SYNTHETIC DENDRIMER CALIBRANTS FOR MASS SPECTROMETRY**
[54] **ETALONS AJUSTES DE TYPE DENDRIMERES SYNTHETIQUES POUR SPECTROSCOPIE DE MASSE**
[72] GRAYSON, SCOTT M., US
[73] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2011-07-28
[86] 2010-02-03 (PCT/US2010/023087)
[87] (WO2010/091109)
[30] US (61/149,506) 2009-02-03
[30] US (61/167,708) 2009-04-08
[30] US (61/185,665) 2009-06-10

---

[11] **2,751,386**
[13] C
[51] **Int.Cl. A61K 31/29 (2006.01) A61K 31/045 (2006.01) A61P 17/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **BISMUTH-THIOLS AS ANTISEPTICS FOR EPITHELIAL TISSUES, ACUTE AND CHRONIC WOUNDS, BACTERIAL BIOFILMS AND OTHER INDICATIONS**
[54] **BISMUTH-THIOLS COMME ANTISEPTIQUES POUR TISSUS EPITHELIAUX, PLAIES AIGUES ET CHRONIQUES, BIOFILMS BACTERIENS ET AUTRES INDICATIONS**
[72] BAKER, BRETT HUGH JAMES, US
[73] MICROBION CORPORATION, US
[85] 2011-08-02
[86] 2010-02-03 (PCT/US2010/023108)
[87] (WO2010/091124)
[30] US (61/149,593) 2009-02-03

---

[11] **2,751,622**
[13] C
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **DISPOSABLE PEN NEEDLE WITH RE-USE PREVENTION FEATURES**
[54] **AIGUILLE JETABLE POUR STYLO INJECTEUR MUNIE D'ELEMENTS EMPECHANT SA REUTILISATION**
[72] RUAN, TIEMING, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-08-05
[86] 2010-02-04 (PCT/US2010/000305)
[87] (WO2010/090735)
[30] US (61/150,671) 2009-02-06

---

[11] **2,752,181**
[13] C
[51] **Int.Cl. A61K 51/00 (2006.01)**
[25] EN
[54] **USE OF BUFFERS FOR RADIONUCLIDE COMPLEXATION**
[54] **UTILISATION DE TAMPONS POUR LA COMPLEXATION DE RADIONUCLEIDES**
[72] PORT, MARC, FR
[72] MEDINA, CHRISTELLE, FR
[73] GUERBET, FR
[85] 2011-08-10
[86] 2010-02-11 (PCT/EP2010/051709)
[87] (WO2010/092114)
[30] FR (0950944) 2009-02-13
[30] US (61/154,650) 2009-02-23

[11] **2,753,008**
[13] C
[51] **Int.Cl. B62D 55/205 (2006.01) B62D 55/18 (2006.01)**
[25] EN
[54] **SEGMENTED TRACK**
[54] **PISTE SEGMENTEE**
[72] BAUM, ALAN WILLIAM, US
[72] CASALENA, JOSEPH ANTHONY, US
[72] GOLDEN, MATTHEW JOHN, US
[72] BASTIEN, ERIC, CA
[72] BLOUIN, VINCENT, CA
[72] BRETON, REMI, CA
[72] DUQUETTE, FRANCOIS, CA
[72] POULIN, KEVIN, CA
[72] MCMULLEN, PAUL JOSEPH, JR., US
[73] CONCURRENT TECHNOLOGIES CORPORATION, US
[73] SOUCY INTERNATIONAL INC., CA
[85] 2011-08-18
[86] 2010-02-19 (PCT/IB2010/000331)
[87] (WO2010/095026)
[30] US (61/153,865) 2009-02-19

---

[11] **2,753,482**
[13] C
[51] **Int.Cl. F24F 7/02 (2006.01) E04B 1/70 (2006.01) F16L 5/00 (2006.01) F24F 13/22 (2006.01) E04D 13/17 (2006.01)**
[25] EN
[54] **VENT FOR VENTING A BUILDING ENCLOSURE**
[54] **EVENT DESTINE A L'AERATION D'UNE ENCEINTE DE BATIMENT**
[72] MANTYLA, JAMES BRIAN, CA
[72] BACH, TIMOTHY DUANE, CA
[72] BURTCH, DONNA MARIA, CA
[72] PROCTOR, KENT DOUGLAS, CA
[73] CANPLAS INDUSTRIES LTD., CA
[86] (2753482)
[87] (2753482)
[22] 2011-09-22

---

[11] **2,754,249**
[13] C
[51] **Int.Cl. B60W 30/00 (2006.01) B67D 7/00 (2010.01) B67D 7/42 (2010.01) A01K 1/01 (2006.01) B25J 9/00 (2006.01) B60P 3/22 (2006.01) B60P 3/30 (2006.01) B60W 50/00 (2006.01) B65G 67/22 (2006.01)**
[25] EN
[54] **AUTONOMOUS MOVABLE VEHICLE HAVING A FILLABLE CONTAINER AND AN ASSEMBLY INCLUDING THE AUTONOMOUS MOVABLE VEHICLE AND A FILLING STATION**
[54] **VEHICULE AUTONOME MUNI D'UN CONTENANT REMPLISSABLE , ET ASSEMBLAGE INCLUANT LEDIT VEHICULE AUTONOME ET UN POSTE DE RAVITAILLEMENT**
[72] VAN DEN BERG, KAREL, NL
[72] VAN KUILENBURG, JAN MARTINUS, NL
[72] HUYZER, ARIE, NL
[73] LELY PATENT N.V., NL
[86] (2754249)
[87] (2754249)
[22] 2011-10-03
[30] NL (1038311) 2010-10-15

---

[11] **2,754,509**
[13] C
[51] **Int.Cl. C07D 403/02 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) A61P 9/00 (2006.01) C07D 239/88 (2006.01) C07D 401/02 (2006.01)**
[25] EN
[54] **NOVEL ANTI-INFLAMMATORY AGENTS**
[54] **NOUVEAUX AGENTS ANTI-INFLAMMATOIRES**
[72] HANSEN, C. HENRIK, CA
[73] RESVERLOGIX CORP., CA
[85] 2011-09-02
[86] 2010-03-16 (PCT/IB2010/000826)
[87] (WO2010/106436)
[30] US (61/161,089) 2009-03-18

---

[11] **2,754,591**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01) G01N 33/563 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **GENERATION, EXPRESSION AND CHARACTERIZATION OF THE HUMANIZED K33N MONOCLONAL ANTIBODY**
[54] **GENERATION, EXPRESSION ET CARACTERISATION DE L'ANTICORPS MONOCLONAL HUMANISE K33N**
[72] KUMAR, SHANKAR, US
[72] TSO, J. YUN, US
[72] TSURUSHITA, NAOYA, US
[72] HARADA, TATSUHIRO, JP
[73] KAKEN PHARMACEUTICAL CO., LTD., JP
[73] GENE TECHNO SCIENCE CO., LTD., JP
[85] 2011-09-06
[86] 2010-03-10 (PCT/JP2010/054483)
[87] (WO2010/104208)
[30] US (61/158,885) 2009-03-10
[30] US (61/251,072) 2009-10-13

---

[11] **2,755,189**
[13] C
[51] **Int.Cl. G02B 7/00 (2006.01) H02S 40/22 (2014.01) H02S 40/44 (2014.01) F03G 6/06 (2006.01)**
[25] EN
[54] **SOLAR ENERGY MODULE**
[54] **MODULE A ENERGIE SOLAIRE**
[72] BUCKLEY, B. SHAWN, US
[73] BUCKLEY, B. SHAWN, US
[85] 2011-09-12
[86] 2010-03-15 (PCT/US2010/000773)
[87] (WO2010/107477)
[30] US (61/210,198) 2009-03-16
[30] US (12/661,321) 2010-03-13

[11] **2,757,070**
[13] C
[51] **Int.Cl. H04B 7/005 (2006.01) H04W 52/06 (2009.01) H04W 52/34 (2009.01) H04W 84/06 (2009.01) H04B 7/185 (2006.01)**
[25] EN
[54] **POWER MANAGEMENT SCHEME FOR PROTECTING COMPONENTS ON BOARD A SPACECRAFT**
[54] **PLAN DE GESTION DE L'ENERGIE POUR PROTEGER DES COMPOSANTS A BORD D'UN ENGIN SPATIAL**
[72] WEIZHENG, WANG W., US
[72] TOMEI, BRUCE A., US
[72] SICHI, STEPHEN F., US
[73] THE BOEING COMPANY, US
[86] (2757070)
[87] (2757070)
[22] 2011-11-02
[30] US (12/961,712) 2010-12-07

---

[11] **2,757,451**
[13] C
[51] **Int.Cl. A61B 17/06 (2006.01)**
[25] EN
[54] **PACKAGED ANTIMICROBIAL MEDICAL DEVICE AND METHOD OF PREPARING SAME**
[54] **DISPOSITIF MEDICAL ANTIMICROBIEN SOUS EMBALLAGE ET SON PROCEDE DE PREPARATION**
[72] REYHAN, MEHMET, US
[72] CERWIN, ROBERT, US
[73] ETHICON, INC., US
[85] 2011-09-30
[86] 2010-03-30 (PCT/US2010/029233)
[87] (WO2010/117802)
[30] US (12/415,600) 2009-03-31

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[11] **2,758,424**
[13] C
[51] **Int.Cl. C07D 209/10 (2006.01) A61K 31/404 (2006.01) A61K 31/7056 (2006.01) C07D 209/42 (2006.01) C07H 17/02 (2006.01)**
[25] EN
[54] **TRYPTAMINE DERIVATIVES AS PP2A METHYLATION MODULATORS**
[54] **DERIVES DE TRYPTAMINE COMME MODULATEURS DE LA METHYLATION DE PP2A**
[72] VORONKOV, MICHAEL, US
[72] VAFAI, SCOTT, US
[72] STOCK, MAXWELL, US
[72] STOCK, JEFFRY B., US
[72] LI, ZHU, US
[72] LEE, SEUNG-YUB, US
[72] GU, HAOMING, US
[72] SARNGADHARAN, GOPAL, US
[73] SIGNUM BIOSCIENCES, INC., US
[85] 2011-10-12
[86] 2009-04-21 (PCT/US2009/041321)
[87] (WO2009/132051)
[30] US (61/124,949) 2008-04-21
[30] US (61/125,205) 2008-04-23
[30] US (61/127,900) 2008-05-16

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[11] **2,759,303**
[13] C
[51] **Int.Cl. G10K 11/162 (2006.01) G10K 11/168 (2006.01)**
[25] EN
[54] **ACOUSTICALLY TUNABLE SOUND ABSORPTION ARTICLES AND METHODS OF MAKING SAME**
[54] **ARTICLES D'INSONORISATION AUX CARACTERISTIQUES D'ABSORPTION DES SONS AJUSTABLES ET SES PROCEDES DE FABRICATION**
[72] BLITON, RICHARD JAMES, US
[72] GILLETTE, SAMUEL MARK, US
[72] BUECHLER, TROY RAYMOND, US
[73] PRECISION FABRICS GROUP, INC., US
[85] 2011-11-10
[86] 2010-12-10 (PCT/US2010/059844)
[87] (WO2011/155963)
[30] US (12/814,022) 2010-06-11

---

[11] **2,759,949**
[13] C
[51] **Int.Cl. B23K 11/11 (2006.01) B23K 11/18 (2006.01) B23K 11/30 (2006.01)**
[25] EN
[54] **RESISTANCE WELDING ASSEMBLY AND ASSOCIATED METHOD FOR WELDING AND HEAT TREATING METALS AND METAL ALLOYS**
[54] **ENSEMBLE DE SOUDAGE PAR RESISTANCE ET PROCEDE ASSOCIE POUR SOUDER ET TRAITER THERMIQUEMENT DES METAUX ET DES ALLIAGES METALLIQUES**
[72] ANANTHANARAYANAN, VENKATASUBRAMANIAN, US
[73] INNOVATIVE WELD SOLUTIONS LTD., US
[85] 2011-10-24
[86] 2010-04-27 (PCT/US2010/032471)
[87] (WO2010/129237)
[30] US (12/437,145) 2009-05-07

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[11] **2,760,356**
[13] C
[51] **Int.Cl. B61D 19/00 (2006.01) B61D 3/18 (2006.01) B61D 17/06 (2006.01)**
[25] EN
[54] **AUTO RACK RAIL CAR WITH END CLOSURE**
[54] **WAGON PORTE-AUTOMOBILES AVEC PORTE DE BOUT**
[72] FORBES, JAMES W., CA
[73] NATIONAL STEEL CAR LIMITED, CA
[86] (2760356)
[87] (2760356)
[22] 2002-04-30
[62] 2,384,043

[11] **2,760,655**
[13] C
[51] **Int.Cl. C07D 333/38 (2006.01) A61K 31/381 (2006.01) A61K 31/4436 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61K 38/00 (2006.01) A61K 38/22 (2006.01) A61P 3/10 (2006.01) A61P 7/00 (2006.01) A61P 7/06 (2006.01) A61P 9/10 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/04 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND EXPANSION AGENTS FOR HEMATOPOIETIC STEM CELLS**
[54] **COMPOSE HETEROCYCLIQUE ET AMPLIFICATEUR DE CELLULES SOUCHES HEMATOPOIETIQUES**
[72] NISHINO, TAITO, JP
[72] IWAMOTO, SHUNSUKE, JP
[72] MIYAJI, KATSUAKI, JP
[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2011-11-01
[86] 2010-06-04 (PCT/JP2010/059552)
[87] (WO2010/140685)
[30] JP (2009-135495) 2009-06-04

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[11] **2,761,930**
[13] C
[51] **Int.Cl. B60M 1/20 (2006.01)**
[25] EN
[54] **CANTILEVER FOR SUPPORTING LIVE CABLES OF RAILWAY, TROLLEY AND SUBWAY LINES**
[54] **DISPOSITIF EN PORTE-A-FAUX POUR SOUTENIR DES CABLES SOUS TENSION DE LIGNES DE CHEMIN DE FER, DE TRAMWAY ET DE METRO**
[72] PASTA, MARIO, IT
[72] PORRECA, MATTEO, IT
[73] SATFERR S.R.L., IT
[73] BONOMI EUGENIO S.P.A., IT
[73] GCF-GENERALE COSTRUZIONI FERROVIARIE S.P.A., IT
[85] 2011-11-14
[86] 2010-05-25 (PCT/IB2010/052296)
[87] (WO2010/136955)
[30] IT (BS2009A000092) 2009-05-25

---

[11] **2,762,089**
[13] C
[51] **Int.Cl. B29B 17/02 (2006.01) C08J 11/06 (2006.01)**
[25] EN
[54] **METHODS FOR SEPARATION AND CONDITIONING OF PRODUCTS CONTAINING SUPER ABSORBENT POLYMERS**
[54] **PROCEDES DE SEPARATION ET DE CONDITIONNEMENT DE PRODUITS CONTENANT DES POLYMERES SUPERABSORBANTS**
[72] GRIMES, DAVID BRIAN, US
[73] KNOWASTE INTERNATIONAL LLC, GB
[85] 2011-11-15
[86] 2010-05-14 (PCT/US2010/034924)
[87] (WO2010/135190)
[30] US (61/216,363) 2009-05-16
[30] US (61/216,342) 2009-05-16

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[11] **2,762,905**
[13] C
[51] **Int.Cl. A61L 9/20 (2006.01) F21V 3/10 (2018.01) F21V 17/00 (2006.01) F24F 3/056 (2006.01) H01J 61/02 (2006.01)**
[25] EN
[54] **GERMICIDAL FIXTURE AND METHODS**
[54] **APPAREIL ET PROCEDES GERMICIDES**
[72] WELKER, MARK L., US
[73] AMERICAN GREEN TECHNOLOGY, INC., US
[85] 2011-11-21
[86] 2010-05-20 (PCT/US2010/001493)
[87] (WO2010/134991)
[30] US (61/216,687) 2009-05-20

---

[11] **2,762,986**
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) C12N 15/113 (2010.01) C12Q 1/6851 (2018.01) C12Q 1/6886 (2018.01)**
[25] EN
[54] **MIRNA BIOMARKERS OF PROSTATE DISEASE**
[54] **BIOMARQUEURS MIARN D'UNE MALADIE PROSTATIQUE**
[72] SHELTON, JEFFREY, US
[72] KELNAR, KEVIN, US
[72] VOLZ, STEPHANIE, US
[72] ADAI, ALEX, US
[72] BROWN, DAVID, US
[73] ASURAGEN, INC., US
[85] 2011-11-21
[86] 2010-05-21 (PCT/US2010/035839)
[87] (WO2010/135692)
[30] US (61/180,760) 2009-05-22

---

[11] **2,763,225**
[13] C
[51] **Int.Cl. F03D 7/06 (2006.01) F03D 3/00 (2006.01) F03D 9/00 (2016.01) B64C 27/02 (2006.01) B64C 31/02 (2006.01)**
[25] EN
[54] **GYROGLIDER POWER-GENERATION, CONTROL APPARATUS AND METHOD**
[54] **GENERATION D'ELECTRICITE PAR GIRAVION, APPAREIL DE COMMANDE ET PROCEDE**
[72] CALVERLEY, GRANT, US
[73] CALVERLEY, GRANT, US
[85] 2011-11-23
[86] 2010-10-21 (PCT/US2010/053469)
[87] (WO2011/087541)
[30] US (61/253,925) 2009-10-22
[30] US (12/792,203) 2010-06-02
[30] US (61/404,149) 2010-09-27
[30] US (12/907,967) 2010-10-19

[11] **2,764,196**
[13] C
[51] **Int.Cl. G06K 9/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DECODING BARCODES CAPTURED WITH A COLOR IMAGE SENSOR**
[54] **SYSTEME ET PROCEDE CONCU POUR DECODER DES CODES A BARRES SAISIS A L'AIDE D'UN CAPTEUR D'IMAGES COULEUR**
[72] ZOLOTOV, SERGUEI, CA
[73] PSION INC., CA
[86] (2764196)
[87] (2764196)
[22] 2012-01-17
[30] US (13/034,206) 2011-02-24
[30] US (13/299,596) 2011-11-18
[30] US (13/316,977) 2011-12-12

---

[11] **2,764,796**
[13] C
[51] **Int.Cl. E02B 17/00 (2006.01) E02D 5/40 (2006.01) E02D 27/16 (2006.01) E02D 27/52 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING TRANSMISSION OF FORCE BETWEEN A STRUCTURE AND ITS BASE DURING INSTALLATION**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE TRANSMISSION DE PUISSANCE ENTRE UNE STRUCTURE ET SA BASE AU COURS DE L'INSTALLATION**
[72] HAUGSOEN, PER BULL, NO
[72] FOSS, GUNNAR, NL
[73] OWEC TOWER AS, NO
[85] 2011-12-07
[86] 2010-07-20 (PCT/NO2010/000289)
[87] (WO2011/010937)
[30] NO (20092746) 2009-07-22

---

[11] **2,764,968**
[13] C
[51] **Int.Cl. C25D 5/18 (2006.01)**
[25] EN
[54] **FUNCTIONALLY GRADED COATINGS AND CLADDINGS FOR CORROSION AND HIGH TEMPERATURE PROTECTION**
[54] **REVETEMENTS ET GAINES A GRADIENT DE FONCTIONNALITE PERMETTANT DE PROTEGER CONTRE LA CORROSION ET LES FORTES TEMPERATURES**
[72] LOMASNEY, CHRISTINA, US
[72] WHITAKER, JOHN D., US
[72] FLINN, BRIAN, US
[72] BORDIA, RAJENDRA KUMAR, US
[72] UNGER, JESSE A., US
[73] MODUMETAL LLC, US
[85] 2011-12-08
[86] 2010-06-11 (PCT/US2010/001677)
[87] (WO2010/144145)
[30] US (61/186,057) 2009-06-11

---

[11] **2,765,124**
[13] C
[51] **Int.Cl. G16H 50/20 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VIEWING PATIENT DATA**
[54] **SYSTEMES ET PROCEDES DE VISUALISATION DE DONNEES DE PATIENT**
[72] POWELL, WILLIAM CAMERON, US
[72] MOORE, STEPHEN TREY, US
[73] AIRSTRIP IP HOLDINGS, LLC, US
[85] 2011-12-07
[86] 2010-06-08 (PCT/US2010/037728)
[87] (WO2010/144413)
[30] US (61/185,096) 2009-06-08

---

[11] **2,765,568**
[13] C
[51] **Int.Cl. B64C 1/12 (2006.01)**
[25] EN
[54] **SKIN PANEL JOINT FOR IMPROVED AIRFLOW**
[54] **JOINT POUR PANNEAU DE REVETEMENT ASSURANT UN MEILLEUR ECOULEMENT DE L'AIR**
[72] PARIKH, PRADIP GIRISH, US
[72] KOPPELMAN, HENRY JOHN, US
[72] HARRIS, TODD MATTHEW, US
[72] SWANSTROM, FREDERICK M., US
[73] THE BOEING COMPANY, US
[85] 2011-12-12
[86] 2010-04-27 (PCT/US2010/032615)
[87] (WO2011/005350)
[30] US (12/489,142) 2009-06-22

---

[11] **2,765,619**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SCHEDULING OF ORDER PROCESSING FOR REMOTELY ORDERED GOODS**
[54] **PLANIFICATION DU TRAITEMENT DES COMMANDES POUR LES MARCHANDISES COMMANDEES A DISTANCE**
[72] NAPPER, DAVID, CA
[73] EXPOSE RETAIL STRATEGIES INC., CA
[86] (2765619)
[87] (2765619)
[22] 2012-01-24
[30] US (61/511,965) 2011-07-26
[30] US (13/355,132) 2012-01-20

[11] **2,765,696**
[13] C
[51] **Int.Cl. A01N 59/00 (2006.01) A01N 25/02 (2006.01) A01P 1/00 (2006.01) A61K 33/00 (2006.01) A61K 33/20 (2006.01) A61P 31/02 (2006.01)**
[25] EN
[54] **SOLUTION CONTAINING HYPOCHLOROUS ACID AND METHODS OF USING SAME**
[54] **SOLUTION CONTENANT DE L'ACIDE HYPOCHLOREUX, ET PROCEDES D'UTILISATION DE CETTE SOLUTION**
[72] NORTHEY, ROBERT, US
[73] SONOMA PHARMACEUTICALS, INC., US
[85] 2011-12-15
[86] 2010-06-15 (PCT/US2010/038697)
[87] (WO2010/148004)
[30] US (61/268,764) 2009-06-15

[11] **2,765,857**
[13] C
[51] **Int.Cl. C12Q 1/6813 (2018.01) C12Q 1/6876 (2018.01) C07H 21/00 (2006.01) C40B 30/04 (2006.01) G01N 33/50 (2006.01) C12N 15/115 (2010.01)**
[25] EN
[54] **METHOD FOR GENERATING APTAMERS WITH IMPROVED OFF-RATES**
[54] **PROCEDE DE GENERATION D'APTAMERES AVEC DES VITESSES DE DISSOCIATION ELEVEES**
[72] ZICHI, DOMINIC, US
[72] WILCOX, SHERI K., US
[72] BOCK, CHRIS, US
[72] SCHNEIDER, DANIEL J., US
[72] EATON, BRUCE, US
[72] GOLD, LARRY, US
[72] JARVIS, THALE C., US
[72] CARTER, JEFFREY D., US
[73] SOMALOGIC, INC., US
[85] 2011-12-16
[86] 2010-07-09 (PCT/US2010/041540)
[87] (WO2011/006075)
[30] US (12/499,967) 2009-07-09

[11] **2,766,174**
[13] C
[51] **Int.Cl. A61M 5/172 (2006.01) H02J 50/20 (2016.01) G16H 20/17 (2018.01) A61M 5/168 (2006.01) G08C 17/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DELIVERY A FLUID TO A PATIENT HAVING WIRELESS COMMUNICATION**
[54] **SYSTEMES ET PROCEDES POUR LA DISTRIBUTION D'UN FLUIDE A UN PATIENT AYANT UNE COMMUNICATION SANS FIL**
[72] BUTTERFIELD, ROBERT D., US
[73] CAREFUSION 303, INC., US
[85] 2011-12-20
[86] 2010-06-30 (PCT/US2010/040661)
[87] (WO2011/005634)
[30] US (12/498,301) 2009-07-06

[11] **2,766,586**
[13] C
[51] **Int.Cl. G21C 13/06 (2006.01)**
[25] EN
[54] **NUCLEAR REACTOR LATTICE TUBE PLUG INSERT AND METHOD**
[54] **OBTURATEUR INSERE POUR TUBE A TREILLIS DE REACTEUR NUCLEAIRE ET METHODE CONNEXE**
[72] SCOTT, DAVID, CA
[72] SOLTI, GEORGE, CA
[72] NOSELLA, LAWRENCE PAUL, CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
[86] (2766586)
[87] (2766586)
[22] 2012-01-16
[30] US (61/433,325) 2011-01-17

[11] **2,767,395**
[13] C
[51] **Int.Cl. C22B 3/38 (2006.01) C22B 3/22 (2006.01) C22B 34/34 (2006.01)**
[25] EN
[54] **PROCESSES FOR RECOVERING METALS FROM AQUEOUS SOLUTIONS**
[54] **PROCEDES DE RECUPERATION DE METAUX A PARTIR DE SOLUTIONS AQUEUSES**
[72] BEDNARSKI, TROY, US
[72] COCALIA, VIOLINA, US
[72] SODERSTROM, MATTHEW, US
[72] KAMENETZKY, EDUARDO, US
[72] CAMERON, ANDREW, US
[72] HARRIS, DOUG, US
[73] CYTEC TECHNOLOGY CORP., US
[85] 2012-01-05
[86] 2010-07-06 (PCT/US2010/041032)
[87] (WO2011/005736)
[30] US (61/223,491) 2009-07-07

[11] **2,767,574**
[13] C
[51] **Int.Cl. G06F 21/51 (2013.01) G06F 21/57 (2013.01)**
[25] EN
[54] **MANAGING BOOTING OF SECURE DEVICES WITH UNTRUSTED SOFTWARE**
[54] **GESTION DE L'INITIALISATION DE DISPOSITIFS SECURISES A L'AIDE DE LOGICIELS PEU FIABLES**
[72] WOOD, ROBERT HENDERSON, CA
[72] BOWMAN, ROGER PAUL, CA
[72] WHITEHOUSE, OLIVER, GB
[73] BLACKBERRY LIMITED, CA
[86] (2767574)
[87] (2767574)
[22] 2012-02-13
[30] US (13/026,968) 2011-02-14

[11] **2,767,788**
[13] C
[51] **Int.Cl. G06T 17/00 (2006.01)**
[25] EN
[54] **BRINGING A VISUAL REPRESENTATION TO LIFE VIA LEARNED INPUT FROM THE USER**
[54] **ANIMATION D'UNE REPRESENTATION VISUELLE A L'AIDE D'ENTREES D'APPRENTISSAGE PAR L'UTILISATEUR**
[72] PEREZ, KATHRYN STONE, US
[72] KIPMAN, ALEX, US
[72] BURTON, NICHOLAS D., US
[72] WILSON, ANDREW, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-01-10
[86] 2010-07-12 (PCT/US2010/041637)
[87] (WO2011/008659)
[30] US (12/501,964) 2009-07-13

---

[11] **2,768,079**
[13] C
[51] **Int.Cl. B04C 5/04 (2006.01) B04C 5/081 (2006.01) B04C 5/13 (2006.01) B04C 5/14 (2006.01)**
[25] EN
[54] **CYCLONE HAVING A PURE GAS LINE**
[54] **CYCLONE POURVU D'UN CONDUIT DE GAZ PURIFIE**
[72] BRUNNMAIR, ERWIN, AT
[73] BINDER + CO AG, AT
[85] 2012-01-13
[86] 2010-07-08 (PCT/AT2010/000250)
[87] (WO2011/009148)
[30] AT (GM 465/2009) 2009-07-23

---

[11] **2,768,399**
[13] C
[51] **Int.Cl. F16L 21/08 (2006.01) F16B 2/08 (2006.01) F16L 21/02 (2006.01) F16L 21/06 (2006.01)**
[25] EN
[54] **BAND CLAMP WITH EMBOSSED GASKET FOR SLOTTED PIPE LAP JOINTS**
[54] **COLLIER DE SERRAGE PRESENTANT UN JOINT D'ETANCHEITE A RELIEF POUR ASSEMBLAGES A RECOUVREMENT DE TUYAU A FENTE**
[72] IGNACZAK, BRIAN T., US
[72] WYATT, DAVID LEO, US
[73] NORMA U.S. HOLDING LLC, US
[85] 2012-01-16
[86] 2010-07-26 (PCT/US2010/043204)
[87] (WO2011/011773)
[30] US (61/228,402) 2009-07-24

---

[11] **2,768,522**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR TREATING TAILINGS STREAMS FROM OIL SANDS ORE**
[54] **PROCEDES DE TRAITEMENT DE COURANTS DE RESIDUS DES SABLES BITUMINEUX**
[72] MAHMOUDKHANI, AMIR H., US
[72] FENDERSON, THOMAS, US
[72] NAIR, MOHAN, US
[73] KEMIRA OYJ, FI
[86] (2768522)
[87] (2768522)
[22] 2012-02-17
[30] US (61/444,288) 2011-02-18

---

[11] **2,768,723**
[13] C
[51] **Int.Cl. G07D 7/20 (2016.01) G06F 17/14 (2006.01)**
[25] EN
[54] **AUTHENTICATION OF SECURITY DOCUMENTS, IN PARTICULAR OF BANKNOTES**
[54] **AUTHENTIFICATION DE DOCUMENTS DE SECURITE, NOTAMMENT DES BILLETS DE BANQUE**
[72] GLOCK, STEFAN, DE
[72] GILLICH, EUGEN, DE
[72] SCHAEDE, JOHANNES GEORG, DE
[72] LOHWEG, VOLKER, DE
[73] KBA-NOTASYS SA, CH
[85] 2012-01-19
[86] 2010-08-11 (PCT/IB2010/053638)
[87] (WO2011/018764)
[30] EP (09167609.8) 2009-08-11

---

[11] **2,768,732**
[13] C
[51] **Int.Cl. A61B 5/151 (2006.01)**
[25] EN
[54] **LANCET DEVICE WITH LANCE RETRACTION**
[54] **DISPOSITIF DE LANCETTE AVEC RETRACTION DE LAME**
[72] LUM, WAH LEONG, SG
[73] LUM, WAH LEONG, SG
[85] 2012-01-20
[86] 2010-06-18 (PCT/SG2010/000231)
[87] (WO2011/014125)
[30] US (12/511,475) 2009-07-29

---

[11] **2,769,000**
[13] C
[51] **Int.Cl. A63H 3/00 (2006.01) A63H 3/04 (2006.01) A63H 29/18 (2006.01) A63H 17/00 (2006.01)**
[25] EN
[54] **TOY POWER SOURCE**
[54] **SOURCE D'ALIMENTATION DE JOUET**
[72] BREWER, CHRISTOPHER JOHN HATHAWAY, GB
[73] HASBRO, INC., US
[85] 2012-01-24
[86] 2010-07-20 (PCT/GB2010/051175)
[87] (WO2011/010129)
[30] GB (0912983.4) 2009-07-24
[30] EP (09176129.6) 2009-11-16

[11] **2,769,650**
[13] C
[51] **Int.Cl. B24B 15/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING OPTICAL ELEMENTS USING MAGNETORHEOLOGICAL FINISHING**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D?ELEMENTS OPTIQUES A L?AIDE D?UNE FINITION MAGNETORHEOLOGIQUE**
[72] MENAPACE, JOSEPH ARTHUR, US
[72] SCHAFFERS, KATHLEEN IRENE, US
[72] BAYRAMIAN, ANDREW JAMES, US
[72] MOLANDER, WILLIAM A., US
[73] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[85] 2012-01-30
[86] 2010-08-02 (PCT/US2010/044138)
[87] (WO2011/017266)
[30] US (61/230,793) 2009-08-03
[30] US (12/760,418) 2010-04-14
[30] US (12/782,566) 2010-05-18

[11] **2,769,947**
[13] C
[51] **Int.Cl. C09D 11/12 (2006.01) B41J 2/17 (2006.01)**
[25] EN
[54] **CURABLE SOLID INK COMPOSITIONS COMPRISING NOVEL CURABLE WAX**
[54] **COMPOSIITONS D'ENCRE SOLIDE DURCISSABLES COMPRENANT UNE CIRE DURCISSABLE INNOVANTE**
[72] CHRETIEN, MICHELLE N., CA
[72] CHOPRA, NAVEEN, CA
[72] KEOSHKERIAN, BARKEV, CA
[72] ROOF, BRYAN J., US
[73] XEROX CORPORATION, US
[86] (2769947)
[87] (2769947)
[22] 2012-02-27
[30] US (13/041,144) 2011-03-04

[11] **2,770,360**
[13] C
[51] **Int.Cl. H01M 6/16 (2006.01) H01M 4/13 (2010.01) H01M 10/0564 (2010.01) H01M 10/0587 (2010.01) H01M 4/06 (2006.01)**
[25] EN
[54] **LITHIUM-IRON DISULFIDE CATHODE FORMULATION HAVING HIGH PYRITE CONTENT AND LOW CONDUCTIVE ADDITIVES**
[54] **FORMULE DE CATHODE DISULFURE DE LITHIUM-FER AYANT UNE TENEUR ELEVEE EN PYRITE ET DES ADDITIFS PEU CONDUCTEURS**
[72] MARPLE, JACK W., US
[72] HUANG, WEIWEI, US
[72] WEMPLE, MICHAEL W., US
[73] ENERGIZER BRANDS, LLC, US
[85] 2012-02-07
[86] 2010-08-26 (PCT/US2010/002347)
[87] (WO2011/025538)
[30] US (61/237,496) 2009-08-27

[11] **2,770,387**
[13] C
[51] **Int.Cl. G01C 15/00 (2006.01) B60R 9/00 (2006.01)**
[25] EN
[54] **LASER SCANNING DEVICE FOR MOUNTING ON THE ROOF RACK OF A VEHICLE**
[54] **DISPOSITIF DE BALAYAGE A LASER DESTINE AU MONTAGE SUR LA GALERIE DE TOIT D'UN VEHICULE**
[72] REICHERT, RAINER, AT
[72] FAELBL, THOMAS, AT
[72] RIEGL, JOHANNES, AT
[72] PFENNIGBAUER, MARTIN, AT
[73] RIEGL LASER MEASUREMENT SYSTEMS GMBH, AT
[85] 2012-02-28
[86] 2010-07-30 (PCT/AT2010/000280)
[87] (WO2011/022741)
[30] AT (A 1355/2009) 2009-08-28

[11] **2,770,497**
[13] C
[51] **Int.Cl. C10M 129/93 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITION COMPRISING ALKYLETHERCARBOXYLIC ACID**
[54] **COMPOSITION LUBRIFIANTE CONTENANT DE L'ACIDE ALKYL ETHER CARBOXYLIQUE**
[72] RABBAT, PHILIPPE MARC ANDRE, US
[72] FENTON, RYAN JAMES, US
[72] CHASAN, DAVID ELIEZER, US
[72] DESANTIS, KEVIN J., US
[73] BASF SE, DE
[85] 2012-02-06
[86] 2010-08-06 (PCT/US2010/044747)
[87] (WO2011/017637)
[30] US (61/232,060) 2009-08-07

[11] **2,770,504**
[13] C
[51] **Int.Cl. A61M 31/00 (2006.01) A61B 17/42 (2006.01) A61M 5/00 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **CONTRAST MEDIUM DEVICE FOR SONOGRAPHIC IMAGING**
[54] **DISPOSITIF A FLUIDE DE CONTRASTE POUR IMAGERIE SONOGRAPHIQUE**
[72] LEE-SEPSICK, KATHY, US
[72] AZEVEDO, MAX S., US
[73] FEMASYS INC., US
[85] 2012-02-08
[86] 2009-10-02 (PCT/US2009/059370)
[87] (WO2010/040046)
[30] US (12/245,265) 2008-10-03

[11] 2,771,376
[13] C
[51] Int.Cl. E04B 1/80 (2006.01) B32B 5/20 (2006.01) B32B 7/12 (2006.01) B32B 27/06 (2006.01) B32B 27/40 (2006.01) C08G 18/09 (2006.01) C09J 175/04 (2006.01) B32B 15/08 (2006.01) B32B 15/18 (2006.01) B32B 15/20 (2006.01) C08J 9/04 (2006.01)
[25] EN
[54] TWO-COMPONENT POLYISOCYANURATE ADHESIVE AND INSULATION PANELS PREPARED THEREFROM
[54] ADHESIF POLYISOCYANURATE A DEUX COMPOSANTS ET PANNEAUX ISOLANTS PREPARES A PARTIR DE CELUI-CI
[72] PELLACANI, LUIGI, IT
[72] DAVIDSON, ROBERT M., US
[72] FANGAREGGI, ALBERTO, IT
[72] PIGNAGNOLI, FRANCESCA, IT
[72] GUANDALINI, MAURIZIO, IT
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-02-16
[86] 2010-09-15 (PCT/EP2010/063548)
[87] (WO2011/045139)
[30] IT (MI 2009 A 001776) 2009-10-15

---

[11] 2,771,451
[13] C
[51] Int.Cl. B03C 3/88 (2006.01) B03C 3/74 (2006.01)
[25] EN
[54] DEVICE IN CONNECTION WITH A CIRCULAR PRECIPITATOR FOR A TWO-STAGE ELECTROSTATIC FILTER
[54] DISPOSITIF EN LIAISON AVEC UN PRECIPITATEUR CIRCULAIRE POUR UN FILTRE ELECTROSTATIQUE A DEUX ETAGES
[72] LORETH, ANDRZEJ, SE
[73] EURUS AIRTECH AB, SE
[85] 2012-02-16
[86] 2010-09-02 (PCT/SE2010/000213)
[87] (WO2011/028162)
[30] SE (0901152-9) 2009-09-04
[30] SE (1000063-6) 2010-01-22

---

[11] 2,771,831
[13] C
[51] Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/24 (2006.01) A61K 9/26 (2006.01) A61K 31/196 (2006.01)
[25] EN
[54] ORAL PHARMACEUTICAL COMPOSITION COMPRISING DICLOFENAC
[54] COMPOSITION PHARMACEUTIQUE ORALE CONTENANT DU DICLOFENAC
[72] SHAW, LANCE, CH
[73] NOVARTIS AG, CH
[85] 2012-02-22
[86] 2010-09-20 (PCT/EP2010/063782)
[87] (WO2011/036114)
[30] EP (09171309.9) 2009-09-25

---

[11] 2,771,929
[13] C
[51] Int.Cl. A43B 7/06 (2006.01) A43B 7/12 (2006.01)
[25] EN
[54] INSERT FOR VAPOR-PERMEABLE AND WATERPROOF SOLES
[54] EMPIECEMENT POUR SEMELLES PERMEABLES A LA VAPEUR ET IMPERMEABLES A L'EAU
[72] POLEGATO MORETTI, MARIO, IT
[73] GEOX S.P.A., IT
[85] 2012-02-23
[86] 2010-08-04 (PCT/EP2010/061352)
[87] (WO2011/023509)
[30] EP (09425334.1) 2009-08-28

---

[11] 2,772,123
[13] C
[51] Int.Cl. C12Q 1/6813 (2018.01) C12Q 1/6876 (2018.01) C40B 30/04 (2006.01) G01N 33/53 (2006.01)
[25] EN
[54] BINDING-INDUCED HAIRPIN DETECTION SYSTEM
[54] SYSTEME DE DETECTION EN EPINGLE A CHEVEUX INDUITE PAR LIAISON
[72] LE, XIAOCHUN, CA
[72] LI, XING-FANG, CA
[72] ZHANG, HONGQUAN, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2012-02-24
[86] 2010-08-30 (PCT/CA2010/001303)
[87] (WO2011/022820)
[30] US (61/238,368) 2009-08-31

---

[11] 2,772,170
[13] C
[51] Int.Cl. B01J 35/02 (2006.01) B01J 8/08 (2006.01) B01J 23/90 (2006.01) B01J 35/00 (2006.01) B01J 37/14 (2006.01) B01J 38/60 (2006.01) B01J 38/64 (2006.01) B01J 38/68 (2006.01) C10G 1/00 (2006.01) C10G 9/00 (2006.01) C10G 21/12 (2006.01) C10G 21/14 (2006.01) C10G 31/00 (2006.01) C10G 31/06 (2006.01) C10G 45/00 (2006.01) C10G 45/16 (2006.01) C10G 47/06 (2006.01) C10G 47/10 (2006.01) C10G 47/26 (2006.01) C10G 47/28 (2006.01) C10G 49/12 (2006.01) C10G 65/10 (2006.01) C10G 65/12 (2006.01) C10G 67/02 (2006.01) C10G 67/04 (2006.01) C10G 67/14 (2006.01)
[25] FR
[54] METHOD FOR HYDROCONVERTING HEAVY CARBONACEOUS LOADS, INCLUDING A BUBBLING BED TECHNOLOGY AND SLURRY TECHNOLOGY
[54] PROCEDE D'HYDROCONVERSION DE CHARGES LOURDES CARBONEES INTEGRANT UNE TECHNOLOGIE A LIT BOUILLONNANT ET UNE TECHNOLOGIE EN SLURRY
[72] MOREL , FREDERIC, FR
[72] SARRAZIN, PATRICK, FR
[72] QUIGNARD, ALAIN, FR
[72] VERSTRAETE, JAN, FR
[73] IFP ENERGIES NOUVELLES, FR
[85] 2012-02-24
[86] 2010-09-28 (PCT/FR2010/000645)
[87] (WO2011/042617)
[30] FR (0904819) 2009-10-08
[30] FR (1001560) 2010-04-13
[30] FR (1001561) 2010-04-13
[30] FR (1001562) 2010-04-13

[11] **2,772,887**
[13] C
[51] **Int.Cl. H01J 49/26 (2006.01) H01J 49/10 (2006.01)**
[25] EN
[54] **REAGENTS FOR ELECTRON TRANSFER DISSOCIATION IN MASS SPECTROMETRY ANALYSIS**
[54] **REACTIFS POUR DISSOCIATION PAR TRANSFERT D'ELECTRON DANS UNE ANALYSE PAR SPECTROMETRIE DE MASSE**
[72] SYKA, JOHN E. P., US
[72] COMPTON, PHILIP D., US
[72] HUNT, DONALD F., US
[73] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[85] 2012-03-01
[86] 2010-09-02 (PCT/US2010/047620)
[87] (WO2011/028863)
[30] US (61/239,328) 2009-09-02

---

[11] **2,773,366**
[13] C
[51] **Int.Cl. C08L 75/04 (2006.01) B29C 49/06 (2006.01) B29C 67/20 (2006.01) C08J 9/14 (2006.01) C08K 5/02 (2006.01)**
[25] EN
[54] **IMPROVED POLYURETHANE FOAMING PROCESSES AND FOAM PROPERTIES USING HALOGENATED OLEFIN BLOWING AGENT**
[54] **PROCEDES AMELIORES DE MOUSSAGE DE POLYURETHANE ET PROPRIETES DE MOUSSE UTILISANT UN AGENT GONFLANT A BASE D?OLEFINE HALOGENEE**
[72] COSTA, JOSEPH S., US
[72] CHEN, BENJAMIN B., US
[72] BONNET, PHILIPPE, FR
[73] ARKEMA INC., US
[85] 2012-03-06
[86] 2010-09-01 (PCT/US2010/047453)
[87] (WO2011/031598)
[30] US (61/240,727) 2009-09-09

---

[11] **2,773,448**
[13] C
[51] **Int.Cl. E04C 1/39 (2006.01) E02D 29/02 (2006.01)**
[25] EN
[54] **WALL BLOCKS, VENEER PANELS FOR WALL BLOCKS AND METHOD OF CONSTRUCTING WALLS**
[54] **BLOCS DE PAROI, PANNEAUX DE PLACAGE DESTINES A DES BLOCS DE PAROI ET PROCEDE DE CONSTRUCTION DE PAROIS**
[72] MACDONALD, ROBERT, US
[73] KEYSTONE RETAINING WALL SYSTEMS, INC., US
[85] 2012-03-07
[86] 2010-09-29 (PCT/US2010/050670)
[87] (WO2011/041375)
[30] US (61/246,805) 2009-09-29
[30] US (61/253,987) 2009-10-22

---

[11] **2,774,289**
[13] C
[51] **Int.Cl. A61B 50/15 (2016.01) A61B 50/33 (2016.01) A61G 15/00 (2006.01) A61G 15/10 (2006.01) A61G 15/14 (2006.01)**
[25] EN
[54] **DOCKING STATION WITH TEMPERATURE CONTROL AND ELECTRONIC IDENTIFICATION SYSTEM**
[54] **STATION DE RECEPTION AVEC REGLAGE DE LA TEMPERATURE ET SYSTEME D'IDENTIFICATION ELECTRONIQUE**
[72] CHARLES, STEVEN T., US
[73] ALCON RESEARCH, LTD., US
[85] 2012-03-14
[86] 2010-11-17 (PCT/US2010/057032)
[87] (WO2011/075264)
[30] US (12/640,427) 2009-12-17

---

[11] **2,775,499**
[13] C
[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **COMPLETE LIQUEFACTION METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL POUR LIQUEFACTION COMPLETE**
[72] TURNER, TERRY D., US
[72] WILDING, BRUCE M., US
[73] BATTELLE ENERGY ALLIANCE, LLC, US
[85] 2012-03-26
[86] 2010-08-12 (PCT/US2010/045340)
[87] (WO2011/049666)
[30] US (12/603,948) 2009-10-22

---

[11] **2,776,258**
[13] C
[51] **Int.Cl. B29C 70/22 (2006.01) B29B 11/16 (2006.01) B29C 70/38 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR THE AUTOMATED PRODUCTION OF DRY FIBROUS PREFORMS**
[54] **PROCEDE ET DISPOSITIF POUR LA FABRICATION AUTOMATISEE DE PREFORMES FIBREUSES SECHES**
[72] BLOT, PHILIPPE, FR
[72] MARCHAND, CHRISTOPHE, FR
[72] LE BAIL, CLAUDE, FR
[72] DESEUR, SIMON, FR
[72] SOTO, JEROME, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[85] 2012-03-29
[86] 2010-09-30 (PCT/FR2010/052067)
[87] (WO2011/039484)
[30] FR (0956871) 2009-10-01

[11] **2,776,276**
[13] C
[51] **Int.Cl. G06F 11/14 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DELIVERY WITH RECONCILIATION ON CLIENT SIDE**
[54] **LIVRAISON AVEC RECONCILIATION DU COTE CLIENT**
[72] SOROKIN, KONSTANTIN, FR
[72] MAI, HUONG-LY, FR
[72] BRAGANTI, HERVE, FR
[72] PRIOUX, SARAH, FR
[72] HABERMACHER, ERIC, FR
[72] WHITFIELD, ANNICK, FR
[73] AMADEUS S.A.S., FR
[85] 2012-03-30
[86] 2010-10-11 (PCT/EP2010/006186)
[87] (WO2011/042203)
[30] EP (09305960.8) 2009-10-09

---

[11] **2,776,564**
[13] C
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 34/14 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **PLUG RETAINER AND METHOD FOR WELLBORE FLUID TREATMENT**
[54] **DISPOSITIF DE RETENUE DE BOUCHON ET PROCEDE POUR TRAITEMENT DE FLUIDE DE PUITS DE FORAGE**
[72] KENYON, MICHAEL, CA
[72] THEMIG, DANIEL JON, CA
[72] FEHR, JAMES, CA
[73] PACKERS PLUS ENERGY SERVICES INC., CA
[85] 2012-04-02
[86] 2010-10-29 (PCT/CA2010/001728)
[87] (WO2011/050477)
[30] US (61/256,944) 2009-10-30
[30] US (61/288,714) 2009-12-21
[30] US (61/326,776) 2010-04-22

---

[11] **2,777,187**
[13] C
[51] **Int.Cl. C07D 317/46 (2006.01) A61K 31/357 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **PROCESS AND COMPOUNDS FOR THE MANUFACTURE OF OSELTAMIVIR AND ANALOGS THEREOF, AND NEW ANTIVIRAL AGENTS**
[54] **PROCEDE ET COMPOSES POUR LA FABRICATION D'OSELTAMIVIR ET DE SES ANALOGUES, ET NOUVEAUX AGENTS ANTIVIRAUX**
[72] HUDLICKY, TOMAS, CA
[72] WERNER, LUKAS, CZ
[72] MACHARA, ALES, CZ
[73] BROCK UNIVERSITY, CA
[85] 2012-04-10
[86] 2010-10-15 (PCT/CA2010/001639)
[87] (WO2011/047466)
[30] US (61/254,311) 2009-10-23

---

[11] **2,777,902**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOUNDS WITH P13 KINASE INHIBITOR ACTIVITY**
[54] **COMPOSES AYANT UNE ACTIVITE D'INHIBITION DE LA P13 KINASE**
[72] KING-UNDERWOOD, JOHN, GB
[72] ITO, KAZUHIRO, GB
[72] MURRAY, PETER JOHN, GB
[72] HARDY, GEORGE, GB
[72] BROOKFIELD, FREDERICK ARTHUR, GB
[72] BROWN, CHRISTOPHER JOHN, GB
[73] RESPIVERT LIMITED, GB
[85] 2012-04-17
[86] 2010-10-19 (PCT/EP2010/065746)
[87] (WO2011/048111)
[30] GB (0918249.4) 2009-10-19

---

[11] **2,778,407**
[13] C
[51] **Int.Cl. H01M 4/587 (2010.01) H01M 4/36 (2006.01)**
[25] EN
[54] **CARBON PARTICLES FOR NEGATIVE ELECTRODE OF LITHIUM ION SECONDARY BATTERY, NEGATIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY**
[54] **PARTICULES DE CARBONE POUR ELECTRODE NEGATIVE DE BATTERIE SECONDAIRE AU LITHIUM-ION, ELECTRODE NEGATIVE DE BATTERIE SECONDAIRE AU LITHIUM-ION, ET BATTERIE SECONDAIRE AU LITHIUM-ION**
[72] TAKAHASHI, TEPPEI, JP
[72] ISHII, YOSHITO, JP
[72] OKABE, KEIJI, JP
[72] IDA, YURIKO, JP
[72] NAKAMURA, NOBUSHIGE, JP
[73] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2012-04-20
[86] 2010-10-20 (PCT/JP2010/068488)
[87] (WO2011/052452)
[30] JP (2009-246798) 2009-10-27

---

[11] **2,778,833**
[13] C
[51] **Int.Cl. B66D 1/12 (2006.01) B66B 15/08 (2006.01) B66D 1/82 (2006.01) E02F 3/88 (2006.01) E02F 5/04 (2006.01) E21B 19/08 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **PERMANENT MAGNET DIRECT DRIVE DRAWWORKS**
[54] **TREUILS DE FORAGE A PRISE DIRECTE A AIMANT PERMANENT**
[72] WILLIAMS, KEVIN R., US
[73] WILLIAMS, KEVIN R., US
[85] 2012-04-24
[86] 2010-12-17 (PCT/US2010/060943)
[87] (WO2011/084669)
[30] US (12/643,439) 2009-12-21

[11] **2,779,726**
[13] C
[51] **Int.Cl. C12N 5/076 (2010.01) C12N 5/075 (2010.01) A01K 67/027 (2006.01)**
[25] EN
[54] **EX HOST MATURATION OF GERMLINE STEM CELLS**
[54] **MATURATION A L'EXTERIEUR DE L'HOTE DE CELLULES SOUCHES DE LIGNEE GERMINALE**
[72] IZADYAR, FARIBORZ, US
[72] CHOW, JOHNNY YUNG-CHIONG, TW
[72] YUEN, CONSTANCE, US
[73] PRIMEGEN BIOTECH, LLC DBA REPROCYTE, US
[73] CHOW, JOHNNY YUNG-CHIONG, TW
[85] 2012-05-02
[86] 2010-11-05 (PCT/US2010/055711)
[87] (WO2011/057128)
[30] US (61/258,535) 2009-11-05

---

[11] **2,779,897**
[13] C
[51] **Int.Cl. B65B 11/02 (2006.01) B65B 57/08 (2006.01)**
[25] EN
[54] **DEMAND BASED WRAPPING**
[54] **EMBALLAGE A LA DEMANDE**
[72] LANCASTER, PATRICK R., US
[72] MITCHELL, MICHAEL, US
[72] HARRIS, THOMAS, US
[72] JANES, ROBERT D., US
[72] JOHNSON, RICHARD, US
[73] LANTECH.COM, LLC, US
[85] 2012-05-03
[86] 2010-11-06 (PCT/US2010/055754)
[87] (WO2011/057166)
[30] US (61/258,740) 2009-11-06

---

[11] **2,779,996**
[13] C
[51] **Int.Cl. E21B 47/10 (2012.01) E21B 43/26 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MONITORING AND MODELING HYDRAULIC FRACTURING OF A RESERVOIR FIELD**
[54] **METHODES ET SYSTEMES DE SURVEILLANCE ET DE MODELISATION DE LA FRACTURATION HYDRAULIQUE D'UN CHAMP DE RESERVOIRS**
[72] URBANCIC, THEODORE IVAN, CA
[72] BAIG, ADAM MIRZA, CA
[72] GUEST, ALICE, CA
[72] MASCHER-MACE, KAITLYN CHRISTINE, CA
[72] SUMILA, VLADIMIR, CA
[73] ENGINEERING SEISMOLOGY GROUP CANADA INC., CA
[86] (2779996)
[87] (2779996)
[22] 2012-06-15
[30] CA (2,743,611) 2011-06-15
[30] US (61/520,789) 2011-06-15

---

[11] **2,780,160**
[13] C
[51] **Int.Cl. A61K 31/196 (2006.01) A61K 31/137 (2006.01) A61K 31/165 (2006.01) A61P 27/16 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TROPICAL COMPOSITIONS FOR TREATING OTITIS EXTERNA INFECTIONS**
[54] **COMPOSITIONS TOPIQUES DESTINEES AU TRAITEMENT DES OTITES EXTERNES**
[72] CAMPBELL, WILLIAM R., US
[72] PAULSEN, NEIL E., US
[72] JOHNSON, ROLAND H., US
[72] HEPLER, DOUGLAS I., US
[73] BAYER HEALTHCARE, LLC, US
[85] 2012-05-04
[86] 2010-11-10 (PCT/US2010/056255)
[87] (WO2011/060083)
[30] US (61/260,309) 2009-11-11

---

[11] **2,780,440**
[13] C
[51] **Int.Cl. H04N 21/854 (2011.01) G11B 27/028 (2006.01) G11B 27/031 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE FILE BASED MASTERING FOR MULTIPLE LANGUAGES AND VERSIONS**
[54] **MATRICAGE A BASE DE FICHIERS NON DESTRUCTIF POUR DE MULTIPLES LANGUES ET VERSIONS**
[72] RAMAMURTHY, ARJUN, US
[72] BLODER, GEOFFREY A., US
[72] YEUNG, RAYMOND, US
[73] TWENTIETH CENTURY FOX FILM CORPORATION, US
[85] 2012-05-09
[86] 2010-11-16 (PCT/US2010/056889)
[87] (WO2011/060439)
[30] US (61/261,653) 2009-11-16

---

[11] **2,780,681**
[13] C
[51] **Int.Cl. H04L 12/46 (2006.01)**
[25] EN
[54] **PROVIDER EDGE BRIDGE WITH REMOTE CUSTOMER SERVICE INTERFACE**
[54] **FOURNISSEUR DE PONT DIRECT EQUIPE D'UNE INTERFACE DE SERVICE CLIENT ELOIGNEE**
[72] SALTSIDIS, PANAGIOTIS, SE
[72] DING, ZHEMIN, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2012-05-10
[86] 2010-11-12 (PCT/IB2010/055149)
[87] (WO2011/058520)
[30] US (61/260,925) 2009-11-13

[11] **2,780,797**
[13] C
[51] **Int.Cl. B01D 45/10 (2006.01) B01D 46/00 (2006.01) B01D 47/02 (2006.01)**
[25] EN
[54] **AIR CLEANER FOR REMOVING AIR POLLUTANTS FROM AN AIR STREAM**
[54] **EPURATEUR D'AIR POUR SUPPRIMER LES POLLUANTS ATMOSPHERIQUES A PARTIR D'UN FLUX D'AIR**
[72] BICHL, CHRISTOPH, AT
[72] WINKLER, HEINZ, AT
[72] HOMER, ALOIS, AT
[72] PETELN, ERICH, AT
[72] VOJTA, MAXIMILIAN, AT
[73] NOVOMATIC AG, AT
[73] DEXWET USA LLC, US
[85] 2012-05-11
[86] 2010-11-09 (PCT/EP2010/006825)
[87] (WO2011/057761)
[30] EP (09 175 857.3) 2009-11-12

---

[11] **2,780,987**
[13] C
[51] **Int.Cl. C07F 9/6553 (2006.01) A61K 31/661 (2006.01) A61K 31/665 (2006.01) A61K 31/67 (2006.01) A61K 31/675 (2006.01) C07D 333/16 (2006.01) C07F 9/38 (2006.01) C07F 9/547 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS AS RECEPTOR MODULATORS WITH THERAPEUTIC UTILITY**
[54] **NOUVEAUX COMPOSES SERVANT DE MODULATEURS DE RECEPTEURS PRESENTANT UNE UTILITE THERAPEUTIQUE**
[72] HEIDELBAUGH, TODD M., US
[72] NGUYEN, PHONG X., US
[73] ALLERGAN, INC., US
[85] 2012-05-15
[86] 2010-11-19 (PCT/US2010/057361)
[87] (WO2011/066184)
[30] US (61/264,038) 2009-11-24

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[11] **2,781,058**
[13] C
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **CIRCULAR STAPLER INTRODUCER WITH RIGID DISTAL END PORTION**
[54] **INTRODUCTEUR D'AGRAFEUSES CIRCULAIRES AVEC PARTIE D'EXTREMITE DISTALE RIGIDE**
[72] BAXTER, CHESTER O., III, US
[72] HUNT, JOHN V., US
[72] SILKAITIS, DANIUS P., US
[72] WILEY, JEFFREY P., US
[72] FRANER, PAUL T., US
[72] SCHULTE, JOHN B., US
[72] ABBOTT, DANIEL J., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2012-05-16
[86] 2010-11-17 (PCT/US2010/057115)
[87] (WO2011/063051)
[30] US (12/621,688) 2009-11-19

---

[11] **2,781,183**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS FOR AUTHORIZATION OF REWARD CARD TRANSACTIONS**
[54] **SYSTEMES D'AUTORISATION DE TRANSACTIONS PAR CARTE DE RECOMPENSE**
[72] ROE, TIMOTHY JOHN, US
[72] COPEMAN, ALISA J., US
[72] MACDONALD, WENDY, US
[72] MARSDEN, JAMES, US
[73] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2012-05-17
[86] 2009-11-17 (PCT/US2009/064806)
[87] (WO2011/062579)

---

[11] **2,781,581**
[13] C
[51] **Int.Cl. G01N 33/487 (2006.01) G06F 19/28 (2011.01) C12M 1/34 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **BIOCHEMICAL ANALYSIS INSTRUMENT**
[54] **INSTRUMENT D'ANALYSE BIOCHIMIQUE**
[72] BROWN, CLIVE GAVIN, GB
[72] WILLCOCKS, JAMES PETER, GB
[73] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
[85] 2012-05-23
[86] 2010-12-01 (PCT/GB2010/002206)
[87] (WO2011/067559)
[30] US (61/265,488) 2009-12-01
[30] GB (0922743.0) 2009-12-31
[30] GB (1016614.8) 2010-10-01

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[11] **2,782,595**
[13] C
[51] **Int.Cl. E04D 3/36 (2006.01) B29C 65/10 (2006.01) E04D 5/14 (2006.01) E04D 15/04 (2006.01)**
[25] EN
[54] **STANDING SEAM PROFILE FIELD WELDING DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE SOUDAGE SUR SITE DE PROFILE A JOINT DEBOUT**
[72] CUMMINGS, HARLEY F., US
[72] RAILKAR, SUDHIR, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[85] 2012-05-31
[86] 2010-12-29 (PCT/US2010/062422)
[87] (WO2011/082262)
[30] US (12/651,331) 2009-12-31

[11] **2,782,941**
[13] C
[51] **Int.Cl. C08G 83/00 (2006.01) C08G 73/06 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED HIGHLY BRANCHED MELAMINE-POLYAMINE POLYMERS**
[54] **POLYMERES MELAMINE-POLYAMINE HAUTEMENT RAMIFIES FONCTIONNALISES**
[72] PERETOLCHIN, MAXIM, DE
[72] REINOSO GARCIA, MARTA, DE
[72] TURK, HOLGER, DE
[72] SCHONFELDER, DANIEL, BE
[72] EBERT, SOPHIA, DE
[73] BASF SE, DE
[85] 2012-06-04
[86] 2010-12-15 (PCT/EP2010/069735)
[87] (WO2011/073246)
[30] EP (09179490.9) 2009-12-16

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[11] **2,783,484**
[13] C
[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/12 (2006.01) A01N 25/30 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **NOVEL GLYPHOSATE FORMULATION**
[54] **NOUVELLE FORMULATION DE GLYPHOSATE**
[72] PENTLAND, PHILIP, AU
[72] FLYNN, ANTHONY, AU
[72] MAHARAJ, ABHINETIRI, AU
[73] EUREKA! AGRESEARCH (VIC) PTY LTD, AU
[85] 2012-06-07
[86] 2010-12-08 (PCT/AU2010/001663)
[87] (WO2011/069202)
[30] AU (2009905979) 2009-12-08

---

[11] **2,783,547**
[13] C
[51] **Int.Cl. B22F 1/02 (2006.01) B22F 3/12 (2006.01) B22F 3/16 (2006.01) B22F 7/02 (2006.01)**
[25] EN
[54] **COATED METALLIC POWDER AND METHOD OF MAKING THE SAME**
[54] **POUDRE METALLIQUE REVETUE ET SON PROCEDE DE FABRICATION**
[72] XU, ZHIYUE, US
[72] AGRAWAL, GAURAV, US
[72] SALINAS, BOBBY, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-06-07
[86] 2010-12-07 (PCT/US2010/059265)
[87] (WO2011/071907)
[30] US (12/633,686) 2009-12-08

---

[11] **2,784,044**
[13] C
[51] **Int.Cl. G05F 1/67 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE ELECTRONIC MANAGEMENT OF PHOTOVOLTAIC CELLS AS A FUNCTION OF METEOROLOGY**
[54] **SYSTEME DE GESTION ELECTRONIQUE DE CELLULES PHOTOVOLTAIQUES FONCTION DE LA METEOROLOGIE**
[72] ALONSO, CORINNE, FR
[72] BERASATEGI, ALONA, ES
[72] CABAL, CEDRIC, FR
[72] ESTIBALS, BRUNO, FR
[72] PETIBON, STEPHANE, FR
[72] VERMEERSCH, MARC, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] TOTAL MARKETING SERVICES, FR
[85] 2012-06-11
[86] 2010-12-10 (PCT/IB2010/055757)
[87] (WO2011/070548)
[30] FR (09 58 900) 2009-12-11

---

[11] **2,784,101**
[13] C
[51] **Int.Cl. B26B 19/20 (2006.01) B26B 19/06 (2006.01)**
[25] EN
[54] **APPARATUS COMPRISING ROTATABLE MEMBER**
[54] **APPAREIL COMPRENANT UN ELEMENT ROTATIF**
[72] WEVERS, DIRK HENDRIK, NL
[72] TIJSSEN, REINIER ALEXANDER, NL
[72] HALMUT, ISHAY, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2012-06-12
[86] 2010-12-07 (PCT/IB2010/055621)
[87] (WO2011/073850)
[30] EP (09179008.9) 2009-12-14

---

[11] **2,784,104**
[13] C
[51] **Int.Cl. B08B 1/00 (2006.01)**
[25] EN
[54] **PORTABLE GROUTING-CLEANING MACHINE FOR CLAD WALLS**
[54] **MACHINE DE JOINTOIEMENT/NETTOYAGE PORTATIVE POUR PAROIS REVETUES**
[72] PIANTA, CRISTIAN, IT
[73] PIANTA, CRISTIAN, IT
[85] 2012-06-12
[86] 2010-12-15 (PCT/EP2010/069778)
[87] (WO2011/076633)
[30] IT (VE2009A000074) 2009-12-21

---

[11] **2,784,225**
[13] C
[51] **Int.Cl. B26B 19/06 (2006.01) B26B 19/20 (2006.01)**
[25] EN
[54] **A DEVICE FOR TRIMMING HAIR**
[54] **DISPOSITIF DE COIFFURE**
[72] WEVERS, DIRK HENDRIK, NL
[72] VAN DER WORP, HENDRIK JAN MARK, NL
[72] TIJSSEN, REINIER ALEXANDER, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2012-06-13
[86] 2010-12-08 (PCT/IB2010/055666)
[87] (WO2011/073857)
[30] EP (09178999.0) 2009-12-14

[11] **2,784,476**
[13] C
[51] **Int.Cl. C10L 1/08 (2006.01) B60K 15/00 (2006.01) C10L 1/14 (2006.01)**
[25] EN
[54] **A METHOD OF REDUCING NITROGEN OXIDE EMISSIONS**
[54] **PROCEDE DE REDUCTION D'EMISSIONS D'OXYDE D'AZOTE**
[72] CANNELLA, WILLIAM J., US
[73] CHEVRON U.S.A. INC., US
[85] 2012-06-14
[86] 2010-12-08 (PCT/US2010/059473)
[87] (WO2011/075362)
[30] US (12/641,665) 2009-12-18

---

[11] **2,784,613**
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6851 (2018.01) C12Q 1/686 (2018.01)**
[25] EN
[54] **DIAGNOSTIC METHODS BASED ON SOMATICALLY ACQUIRED REARRANGEMENT**
[54] **METHODES DE DIAGNOSTIC BASEES SUR UNE REORGANISATION GENOMIQUE ACQUISE SOMATIQUEMENT**
[72] CAMPBELL, PETER JOHN, GB
[73] GENOME RESEARCH LIMITED, GB
[85] 2012-06-15
[86] 2010-12-16 (PCT/GB2010/052110)
[87] (WO2011/073665)
[30] GB (0922006.2) 2009-12-17

---

[11] **2,784,729**
[13] C
[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **CALCULATION AND DISPLAY OF WARNING SPEED FOR THRUST ASYMMETRY CONTROL**
[54] **CALCUL ET AFFICHAGE DE LA VITESSE LIMITE POUR UN CONTROLE DE LA POUSSEE ASYMETRIQUE**
[72] MALLOUK, BECHARA J., US
[72] CHEN, SHERWIN S., US
[72] WIEDEMANN, JOHN, US
[72] BRESLEY, WILLIAM M., US
[72] GARDNER, KYLE, US
[72] EGGOLD, DAVID P., US
[72] HARRIGAN, JEFFERY S., US
[72] FLANNIGAN, SEAN J., US
[73] THE BOEING COMPANY, US
[85] 2012-06-15
[86] 2009-12-21 (PCT/US2009/069080)
[87] (WO2011/078847)

---

[11] **2,785,149**
[13] C
[51] **Int.Cl. H05K 7/18 (2006.01) A47B 47/00 (2006.01) B65D 85/00 (2006.01) H02B 1/52 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **PORTABLE POWER DISTRIBUTION BOX**
[54] **BOITE DE DISTRIBUTION D'ALIMENTATION PORTATIVE**
[72] TAKATA, STEVEN MATTHEW, US
[72] KOBERG, JAMES JEROME, US
[72] AMACHER, BRIAN ALLEN, US
[72] DEMARS, JASON ROBERT, US
[72] DAHL, CHRISTOPHER ALAN, US
[73] TRYSTAR, INC., US
[86] (2785149)
[87] (2785149)
[22] 2012-08-08
[30] US (13/315,743) 2011-12-09

---

[11] **2,785,407**
[13] C
[51] **Int.Cl. F16H 1/22 (2006.01) B02C 15/00 (2006.01)**
[25] FR
[54] **GRINDER PROVIDED WITH A DRIVE DEVICE FOR A CROWN GEAR**
[54] **BROYEUR MUNI D'UN DISPOSITIF D'ENTRAINEMENT POUR UNE COURONNE DENTEE**
[72] LESSARD, FABRICE, FR
[73] COMPAGNIE ENGRENAGES ET REDUCTEURS - MESSIAN - DURAND, FR
[85] 2012-06-21
[86] 2011-01-06 (PCT/FR2011/050015)
[87] (WO2011/083274)
[30] FR (10 50053) 2010-01-06

---

[11] **2,785,892**
[13] C
[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/76 (2006.01) C09J 11/04 (2006.01) C09J 11/08 (2006.01) C09J 171/02 (2006.01) C09J 175/04 (2006.01) C09J 175/08 (2006.01) C09J 201/10 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **MOISTURE CURABLE ADHESIVE COMPOSITION AND METHOD FOR INSTALLING HARDWOOD FLOORS**
[54] **COMPOSITION ADHESIVE DURCISSABLE SOUS L'ACTION DE L'HUMIDITE ET PROCEDE POUR L'INSTALLATION DE PLANCHERS EN BOIS DUR**
[72] LONTCHAR, MICHAEL S., US
[72] CHRONISTER, MICHAEL A., US
[72] RYAN, KRISTIN J., US
[73] BOSTIK, INC., US
[85] 2012-06-28
[86] 2010-12-30 (PCT/US2010/062543)
[87] (WO2011/082327)
[30] US (61/291,513) 2009-12-31

---

[11] **2,785,900**
[13] C
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 5/18 (2006.01) B32B 7/10 (2006.01) B32B 15/08 (2006.01) B32B 27/08 (2006.01) B60R 21/04 (2006.01) F16F 1/37 (2006.01) F41H 7/00 (2006.01)**
[25] EN
[54] **ENERGY ABSORBING SYSTEM FOR VEHICLES**
[54] **SYSTEME D'ABSORPTION D'ENERGIE POUR VEHICULES**
[72] ZELLER, FRANK, US
[73] TEXAS RESEARCH INTERNATIONAL, INC., US
[85] 2012-06-28
[86] 2010-12-28 (PCT/US2010/062237)
[87] (WO2011/082170)
[30] US (61/291,539) 2009-12-31

[11] **2,786,163**
[13] C
[51] **Int.Cl. G01N 23/087 (2018.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ESTIMATING THE ASH CONTENT OF A BIOLOGICAL MATERIAL**
[54] **PROCEDE ET APPAREIL D'ESTIMATION DE LA TENEUR EN CENDRE D'UN MATERIEL BIOLOGIQUE**
[72] ODEN, ERIK, SE
[72] KULLENBERG, RAGNAR, SE
[72] ULLBERG, ANDERS, SE
[72] DANIELSSON, FREDRIK, SE
[73] MANTEX AB, SE
[85] 2012-06-29
[86] 2011-01-26 (PCT/EP2011/051047)
[87] (WO2011/092192)
[30] EP (10151990.8) 2010-01-28

[11] **2,786,257**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR ADAPTATION IN HTTP STREAMING**
[54] **PROCEDE ET DISPOSITIF DESTINES A EFFECTUER UNE ADAPTATION DANS UN FLUX HTTP**
[72] EINARSSON, TORBJOERN, SE
[72] FROEJDH, PER, SE
[72] PRIDDLE, CLINTON, SE
[72] WU, ZHUANGFEI, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2012-07-03
[86] 2011-02-16 (PCT/SE2011/050167)
[87] (WO2011/102792)
[30] US (61/305,983) 2010-02-19

[11] **2,786,483**
[13] C
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **A TOOL FOR INSTALLING UNITS IN A WELL**
[54] **OUTIL POUR INSTALLER DES UNITES DANS UN PUITS**
[72] PETTERSEN, STALE, NO
[72] KLEPPA, ERLING, NO
[72] KVASNES, TROND, NO
[73] PETROLEUM TECHNOLOGY COMPANY AS, NO
[85] 2012-07-05
[86] 2011-01-26 (PCT/NO2011/000029)
[87] (WO2011/093717)
[30] NO (20100127) 2010-01-26

[11] **2,786,713**
[13] C
[51] **Int.Cl. C08G 61/02 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **NOVEL REAGENTS FOR DIRECTED BIOMARKER SIGNAL AMPLIFICATION**
[54] **NOUVEAUX REACTIFS POUR L'AMPLIFICATION DIRIGEE D'UN SIGNAL DE BIOMARQUEUR**
[72] GAYLORD, BRENT S., US
[72] BARTHOLOMEW, GLENN P., US
[72] BALDOCCHI, RUSSELL A., US
[72] HONG, JANICE W., US
[72] HUISMAN, WILLIAM H., US
[72] LIANG, YONGCHAO, US
[72] NGUYEN, TRUNG, US
[72] TRAN, LAN P., US
[72] WHEELER, JEAN M., US
[72] PALMER, ADRIAN CHARLES VERNON, GB
[72] UCKERT, FRANK PETER, US
[73] SIRIGEN II LIMITED, GB
[85] 2012-07-10
[86] 2011-01-19 (PCT/US2011/021775)
[87] (WO2011/091086)
[30] US (61/296,379) 2010-01-19
[30] US (61/358,406) 2010-06-24

[11] **2,787,104**
[13] C
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **SOCIAL NETWORK MEDIA SHARING WITH CLIENT LIBRARY**
[54] **PARTAGE DE CONTENU MULTIMEDIA SUR UN RESEAU SOCIAL AVEC UNE BIBLIOTHEQUE CLIENT**
[72] NARAYANAN, RAMAN, US
[72] VISHNUMURTY, RAJENDRA, US
[72] SONGCO, RUSSELL, US
[72] SUTHAR, PARESH, US
[72] VELAGAPUDI, SURESH BABU, US
[72] LIU, MING, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-07-13
[86] 2011-02-08 (PCT/US2011/024095)
[87] (WO2011/100264)
[30] US (12/704,533) 2010-02-12

[11] **2,787,267**
[13] C
[51] **Int.Cl. B42F 21/06 (2006.01) B42F 7/04 (2006.01)**
[25] EN
[54] **TWO-POSITION TAB**
[54] **LANGUETTE A DEUX POSITIONS**
[72] GOODFELLOW, ANDREW, US
[72] JONES, BRADEN, US
[72] CAUSSE, BRIAN, US
[73] ESSELTE CORPORATION, US
[85] 2012-07-11
[86] 2011-01-20 (PCT/US2011/021933)
[87] (WO2011/091172)
[30] US (61/296,648) 2010-01-20

[11] **2,787,305**
[13] C
[51] **Int.Cl. G01V 1/22 (2006.01) G01V 1/20 (2006.01)**
[25] EN
[54] **PROVIDING COMMUNICATIONS REDUNDANCY USING ONE OR MORE LOOP CONNECTIONS IN A SUBTERRANEAN SURVEY SYSTEM**
[54] **FOURNITURE DE REDONDANCE DE COMMUNICATIONS A L'AIDE D'UNE OU DE PLUSIEURS CONNEXIONS EN BOUCLE DANS UN SYSTEME DE SURVEILLANCE SOUTERRAIN**
[72] FONNELAND, JOSTEIN, NO
[72] PAPWORTH, STUART, AE
[72] VIRGIN, BRIAN LEE, NO
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2012-07-16
[86] 2011-01-25 (PCT/US2011/022330)
[87] (WO2011/094179)
[30] US (12/694,923) 2010-01-27

---

[11] **2,787,373**
[13] C
[51] **Int.Cl. H01M 4/28 (2006.01)**
[25] EN
[54] **PRODUCING OXIDIC COMPOUNDS**
[54] **OBTENTION DE COMPOSES OXYDES**
[72] LAMPERT, JORDAN KEITH, DE
[72] BRAMNIK, KIRILL, US
[72] HEILEK, JOERG, DE
[73] BASF SE, DE
[85] 2012-07-17
[86] 2011-01-28 (PCT/IB2011/050371)
[87] (WO2011/092648)
[30] EP (10152110.2) 2010-01-29
[30] US (61/299,356) 2010-01-29
[30] EP (10153684.5) 2010-02-16

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[11] **2,787,483**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6816 (2018.01) C07H 21/00 (2006.01) C07K 16/00 (2006.01) G01N 33/50 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **MOLECULAR BIOSENSORS CAPABLE OF SIGNAL AMPLIFICATION**
[54] **BIOCAPTEURS MOLECULAIRES PERMETTANT L'AMPLIFICATION DE SIGNAUX**
[72] CHANG, YIE-HWA, US
[72] HEYDUK, TOMASZ, US
[72] TIAN, LING, US
[73] SAINT LOUIS UNIVERSITY, US
[73] MEDIOMICS LLC, US
[85] 2012-07-18
[86] 2011-02-11 (PCT/US2011/024547)
[87] (WO2011/100561)
[30] US (61/303,914) 2010-02-12

---

[11] **2,787,785**
[13] C
[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/4025 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01) C07D 207/323 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING PROTEASOME ACTIVITY**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER L'ACTIVITE DES PROTEASOMES**
[72] FINLEY, DANIEL, US
[72] KING, RANDALL W., US
[72] LEE, BYUNG-HOON, US
[72] LEE, MIN JAE, US
[72] GAHMAN, TIMOTHY C., US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2012-07-19
[86] 2011-01-28 (PCT/US2011/022929)
[87] (WO2011/094545)
[30] US (61/336,959) 2010-01-28
[30] US (61/373,404) 2010-08-13

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[11] **2,787,849**
[13] C
[51] **Int.Cl. A61K 38/39 (2006.01) A61K 47/36 (2006.01) A61L 27/22 (2006.01) C07K 14/435 (2006.01) C07K 14/78 (2006.01)**
[25] EN
[54] **INJECTABLE BIOMATERIALS**
[54] **BIOMATERIAUX INJECTABLES**
[72] WEISS, ANTHONY STEVEN, AU
[72] MITHIEUX, SUZANNE MARIE, AU
[73] ELASTAGEN PTY LTD, AU
[85] 2012-07-23
[86] 2010-03-10 (PCT/AU2010/000275)
[87] (WO2010/102337)
[30] AU (2009901028) 2009-03-10

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[11] **2,787,990**
[13] C
[51] **Int.Cl. A61K 47/22 (2006.01) C12N 15/115 (2010.01) A61P 31/04 (2006.01) A61K 31/7088 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **NUCLEIC ACID COMPLEXES**
[54] **COMPLEXES D'ACIDE NUCLEIQUE**
[72] MCARTHUR, MICHAEL, GB
[73] PROCARTA BIOSYSTEMS LTD, GB
[85] 2012-07-25
[86] 2011-02-11 (PCT/GB2011/050263)
[87] (WO2011/098829)
[30] US (61/304,087) 2010-02-12
[30] GB (1002413.1) 2010-02-12

[11] **2,788,355**
[13] C
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/50 (2006.01) A61K 31/501 (2006.01) A61K 31/5377 (2006.01) A61P 25/28 (2006.01) C07D 237/14 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 453/02 (2006.01)**
[25] EN
[54] **PHENYL-HETEROARYL DERIVATIVES AND METHODS OF USE THEREOF**
[54] **DERIVES DE PHENYL-HETEROARYLE ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] GOHIMUKKULA, DEVI REDDY, US
[72] JONES, DAVID, US
[72] QABAJA, GHASSAN, US
[72] ZHU, JEFF JIQUN, US
[72] COOPER, JEREMY T., US
[72] BANNER, WILLIAM KENNETH, US
[72] SUNDERMANN, KURT, US
[72] BONDLELA, MURALIDHAR, US
[72] RAO, MOHAN, US
[72] WANG, PINGZHEN, US
[72] GOWDA, RAJU BORE, US
[72] ANDREWS, ROBERT C., US
[72] GUPTA, SUPARNA, US
[72] HARI, ANITHA, US
[73] VTV THERAPEUTICS LLC, US
[85] 2012-07-20
[86] 2011-02-15 (PCT/US2011/024886)
[87] (WO2011/103091)
[30] US (61/305,572) 2010-02-18

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[11] **2,788,484**
[13] C
[51] **Int.Cl. B01D 21/26 (2006.01)**
[25] EN
[54] **MULTI-PHASE FLOW SEPARATION APPARATUS AND SYSTEM**
[54] **SYSTEME ET APPAREIL DE SEPARATION DE DEBIT MULTIPHASE**
[72] ZYLLA, RONALD W., CA
[73] 1460798 ALBERTA LTD., CA
[86] (2788484)
[87] (2788484)
[22] 2012-08-31
[30] CA (2751644) 2011-08-31

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[11] **2,788,509**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **STATISTICAL RECORD LINKAGE CALIBRATION FOR GEOGRAPHIC PROXIMITY MATCHING**
[54] **CALIBRAGE DE COUPLAGE D'ENREGISTREMENTS STATISTIQUES POUR APPARIEMENT PAR PROXIMITE GEOGRAPHIQUE**
[72] L'HEUREUX, GEORGE CONRAD, US
[72] BAYLISS, DAVID ALAN, US
[73] LEXISNEXIS RISK DATA MANAGEMENT INC., US
[85] 2012-07-27
[86] 2011-01-31 (PCT/US2011/023191)
[87] (WO2011/094695)
[30] US (61/299,398) 2010-01-29

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[11] **2,788,533**
[13] C
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 5/04 (2006.01) A61P 15/08 (2006.01) A61P 15/16 (2006.01) A61P 15/18 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CHOLINE SALT OF FUSED HETEROCYCLIC DERIVATIVE AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME**
[54] **SEL DE CHOLINE DE DERIVE HETEROCYCLIQUE FUSIONNE ET COMPOSITIONS PHARMACEUTIQUES EN RENFERMANT**
[72] JO, KAZUMICHI, JP
[72] TAKEUCHI, HIDEKI, JP
[73] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2012-07-27
[86] 2011-02-09 (PCT/JP2011/052719)
[87] (WO2011/099507)
[30] JP (2010-027806) 2010-02-10

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[11] **2,788,602**
[13] C
[51] **Int.Cl. C10M 159/22 (2006.01) C07C 39/06 (2006.01) C07C 305/00 (2006.01)**
[25] EN
[54] **PROPYLENE OLIGOMERS FOR USE IN LUBRICATING OIL ADDITIVES**
[54] **OLIGOMERES DE PROPYLENE DESTINES AUX ADDITIFS D'HUILE LUBRIFIANTE**
[72] ADAMS, MICHAEL, US
[72] SINQUIN, GILLES P., FR
[73] CHEVRON ORONITE COMPANY LLC, US
[73] CHEVRON ORONITE SAS, FR
[85] 2012-07-31
[86] 2010-02-03 (PCT/US2010/023022)
[87] (WO2011/096920)

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[11] **2,788,979**
[13] C
[51] **Int.Cl. A47G 19/30 (2006.01) A23L 3/3454 (2006.01) A47J 47/10 (2006.01)**
[25] EN
[54] **FOOD PRODUCTS SERVING AND PRESERVING DEVICE**
[54] **DISPOSITIF DE SERVICE ET DE CONSERVATION DE PRODUITS ALIMENTAIRES**
[72] WEISS, SHAHAR, IL
[73] BRINEE HOME SOLUTION LTD., IL
[85] 2012-08-02
[86] 2011-01-30 (PCT/IL2011/000102)
[87] (WO2011/098995)
[30] US (61/303,431) 2010-02-11

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[11] **2,789,066**
[13] C
[51] **Int.Cl. H04J 11/00 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSMITTING A SOUNDING REFERENCE SIGNAL**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION D'UN SIGNAL DE SONDAGE**
[72] SEO, HAN BYUL, KR
[72] KIM, BYOUNG HOON, KR
[72] KIM, KI JUN, KR
[72] KIM, HAK SEONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2012-08-02
[86] 2011-02-01 (PCT/KR2011/000692)
[87] (WO2011/096699)
[30] US (61/301,624) 2010-02-04
[30] KR (10-2011-0009481) 2011-01-31

[11] **2,789,095**
[13] C
[51] **Int.Cl. C22B 11/06 (2006.01) C22B 3/04 (2006.01) C22B 3/24 (2006.01)**
[25] EN
[54] **PROCESS FOR THE RECOVERY OF GOLD FROM AN ORE IN CHLORIDE MEDIUM WITH A NITROGEN SPECIES**
[54] **PROCEDE POUR LA RECUPERATION D'OR A PARTIR D'UN MINERAI DANS UN MILIEU DE CHLORURES AVEC UNE ESPECE AZOTEE**
[72] HARRIS, BRYN, CA
[72] WHITE, CARL, CA
[73] BRAV METAL TECHNOLOGIES INC., CA
[85] 2012-08-07
[86] 2011-02-04 (PCT/CA2011/000143)
[87] (WO2011/100821)
[30] US (61/305,718) 2010-02-18
[30] US (61/320,004) 2010-04-01
[30] US (61/420,500) 2010-12-07

[11] **2,789,581**
[13] C
[51] **Int.Cl. C02F 1/16 (2006.01) B01D 47/06 (2006.01) C02F 1/20 (2006.01) C02F 5/02 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **COMPACT WASTEWATER CONCENTRATOR AND CONTAMINANT SCRUBBER**
[54] **CONCENTRATEUR D'EAUX USEES COMPACT ET EPURATEUR DE CONTAMINANTS**
[72] DUESEL, BERNARD F., JR., US
[72] RUTSCH, MICHAEL J., US
[72] CLERKIN, CRAIG, US
[73] HEARTLAND TECHNOLOGY PARTNERS LLC, US
[85] 2012-08-10
[86] 2011-01-20 (PCT/US2011/021811)
[87] (WO2011/100096)
[30] US (12/705,462) 2010-02-12
[30] US (12/846,337) 2010-07-29
[30] US (12/938,879) 2010-11-03

[11] **2,789,588**
[13] C
[51] **Int.Cl. E21B 34/02 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **VALVE DEVICE**
[54] **DISPOSITIF DE VANNE**
[72] TVEITEN, MAGNAR, NO
[72] KLEPPA, ERLING, NO
[72] STOKKA, OYVIND, NO
[73] PETROLEUM TECHNOLOGY COMPANY AS, NO
[85] 2012-08-10
[86] 2011-02-14 (PCT/EP2011/052137)
[87] (WO2011/098602)
[30] NO (20100222) 2010-02-15

[11] **2,789,637**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **RADIO COMMUNICATION APPARATUS, RADIO COMMUNICATION SYSTEM, AND RADIO COMMUNICATION METHOD**
[54] **APPAREIL DE COMMUNICATION SANS FIL, SYSTEME DE COMMUNICATION SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**
[72] OHTA, YOSHIAKI, JP
[72] KAWASAKI, YOSHIHIRO, JP
[72] YANO, TETSUYA, JP
[72] TANAKA, YOSHINORI, JP
[73] FUJITSU LIMITED, JP
[85] 2012-08-10
[86] 2010-02-12 (PCT/JP2010/052103)
[87] (WO2011/099151)

[11] **2,789,687**
[13] C
[51] **Int.Cl. C08F 10/02 (2006.01)**
[25] EN
[54] **CATALYST SYSTEMS AND METHODS FOR USING SAME TO PRODUCE POLYOLEFIN PRODUCTS**
[54] **SYSTEMES CATALYSEURS ET PROCEDES D'UTILISATION DE CES DERNIERS POUR PRODUIRE DES PRODUITS DE POLYOLEFINE**
[72] CANN, KEVIN J., US
[72] HARLAN, C. JEFF, US
[72] MARIOTT, WESLEY R., US
[72] SUN, LIXIN, US
[72] ZILKER, DANIEL P., JR, US
[72] HUSSEIN, F. DAVID, US
[72] CAO, PHUONG A., US
[72] MOORHOUSE, JOHN H., US
[72] GOODE, MARK G., US
[73] UNIVATION TECHNOLOGIES, LLC, US
[85] 2012-08-10
[86] 2011-02-18 (PCT/US2011/025405)
[87] (WO2011/103402)
[30] US (61/306,749) 2010-02-22

[11] **2,789,750**
[13] C
[51] **Int.Cl. A61K 31/437 (2006.01) A61K 38/05 (2006.01) C07D 471/04 (2006.01) C07K 5/06 (2006.01)**
[25] EN
[54] **GHRELIN RECEPTOR AGONIST FOR TREATMENT OF CACHEXIA**
[54] **AGONISTE DE RECEPTEUR DE GHRELINE POUR LE TRAITEMENT DE LA DYSCRASIE**
[72] SHIMADA, KAORU, JP
[72] SUDO, MASAKI, JP
[72] TAJIMI, MASAOMI, JP
[72] TAKAHASHI, NOBUYUKI, JP
[72] NONOMURA, KAZUHIKO, JP
[73] RAQUALIA PHARMA INC., JP
[85] 2012-08-13
[86] 2011-02-28 (PCT/JP2011/054556)
[87] (WO2011/105611)
[30] JP (2010-043484) 2010-02-26

[11] **2,790,070**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 17/00 (2006.01) A61P 27/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **CYCLOBUTANE AND METHYLCYCLOBUTANE DERIVATIVES AS JANUS KINASE INHIBITORS**
[54] **DERIVES DE CYCLOBUTANE ET DE METHYLCYCLOBUTANE COMME INHIBITEURS DE JANUS KINASES**
[72] LI, YUN-LONG, US
[72] RODGERS, JAMES D., US
[73] INCYTE HOLDINGS CORPORATION, US
[85] 2012-08-15
[86] 2011-02-18 (PCT/US2011/025433)
[87] (WO2011/103423)
[30] US (61/305,630) 2010-02-18

[11] **2,790,101**
[13] C
[51] **Int.Cl. B30B 15/00 (2006.01) B08B 3/08 (2006.01) B30B 9/12 (2006.01)**
[25] EN
[54] **A SEPARATOR AND COMPONENTS THEREOF**
[54] **SEPARATEUR ET SES COMPOSANTS**
[72] FARAM, MICHAEL GUY, GB
[72] MARTIN, LORNE BRYAN, GB
[73] HYDRO INTERNATIONAL PLC, GB
[85] 2012-08-16
[86] 2011-02-11 (PCT/GB2011/050264)
[87] (WO2011/101656)
[30] GB (1002621.9) 2010-02-16

[11] **2,790,252**
[13] C
[51] **Int.Cl. F04D 5/00 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **IMPROVED PUMP**
[54] **POMPE AMELIOREE**
[72] QUAIL, FRANCIS, GB
[73] QUAIL RESEARCH AND DESIGN LIMITED, GB
[85] 2012-08-17
[86] 2011-02-17 (PCT/GB2011/000222)
[87] (WO2011/101636)
[30] GB (1002766.2) 2010-02-18
[30] GB (1007139.7) 2010-04-29

[11] **2,790,597**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE RECOVERY, IN PARTICULAR IN-SITU RECOVERY, OF A CARBONACEOUS SUBSTANCE FROM SUBTERRANEAN FORMATIONS**
[54] **DISPOSITIF ET METHODE DE RECUPERATION, EN PARTICULIER LA RECUPERATION SUR PLACE, DE SUBSTANCE CARBONEE DANS LES FORMATIONS SOUTERRAINES**
[72] DIEHL, DIRK, DE
[72] HUBER, NORBERT, DE
[72] TORLAK, MURIS, DE
[72] WACKER, BERND, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2012-08-20
[86] 2010-12-02 (PCT/EP2010/068731)
[87] (WO2011/101055)
[30] DE (10 2010 008 779.3) 2010-02-22

[11] **2,790,674**
[13] C
[51] **Int.Cl. G21C 1/09 (2006.01) G21C 13/00 (2006.01)**
[25] EN
[54] **A PRESSURIZER WITH A MECHANICALLY ATTACHED SURGE NOZZLE THERMAL SLEEVE**
[54] **PRESSURISEUR A MANCHON THERMIQUE FIXE MECANIQUEMENT A UNE BUSE DE SURPRESSION**
[72] WEPFER, ROBERT M., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2012-06-29
[86] 2010-12-28 (PCT/US2010/062180)
[87] (WO2011/087879)
[30] US (61/294,514) 2010-01-13
[30] US (12/967,167) 2010-12-14

[11] **2,790,752**
[13] C
[51] **Int.Cl. B01J 29/04 (2006.01) B01J 37/00 (2006.01) C10G 11/05 (2006.01)**
[25] EN
[54] **SULPHUR REDUCTION CATALYST ADDITIVE COMPOSITION IN FLUID CATALYTIC CRACKING AND METHOD OF PREPARATION THEREOF**
[54] **COMPOSITION D'ADDITIF POUR CATALYSEUR DE REDUCTION DE SOUFRE DANS LE CRAQUAGE CATALYTIQUE FLUIDE ET METHODE DE PREPARATION CONNEXE**
[72] GOKAK, DATTATRAYA TAMMANNASHASTRI, IN
[72] THOTA, CHIRANJEEVI, IN
[72] RAI, PRAGYA, IN
[72] JOSE, NEHAMIAH, IN
[72] VISWANATHAN, POYYAMANI SWANINATHAN, IN
[73] BHARAT PETROLEUM CORPORATION LIMITED, IN
[86] (2790752)
[87] (2790752)
[22] 2012-09-25
[30] IN (2778/MUM/2011) 2011-09-30

[11] **2,791,382**
[13] C
[51] **Int.Cl. F16D 65/28 (2006.01) B60T 17/00 (2006.01)**
[25] EN
[54] **INTEGRAL LIGHT WEIGHT SPRING BRAKE ACTUATOR AND MOUNT**
[54] **MONTURE ET ACTIONNEUR DE FREIN A RESSORT LEGER INTEGRES**
[72] SCHECKELHOFF, KENNETH E., US
[72] PLANTAN, RONALD S., US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
[85] 2012-08-28
[86] 2011-03-11 (PCT/US2011/028016)
[87] (WO2011/112884)
[30] US (12/723,227) 2010-03-12

[11] **2,791,853**
[13] C
[51] **Int.Cl. C08L 101/00 (2006.01) A61K 8/72 (2006.01) A61Q 19/00 (2006.01) C08K 3/16 (2006.01) C08L 1/02 (2006.01) C08L 29/04 (2006.01) C08L 33/00 (2006.01) C08L 39/02 (2006.01) C09D 201/00 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **RHEOLOGY MODIFIER COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE MODIFICATEUR DE RHEOLOGIE ET LEURS PROCEDES D'UTILISATION**
[72] TALINGTING PABALAN, RUELA, US
[72] MARTINEZ-CASTRO, NEMESIO, US
[72] KESAVAN, SUBRAMANIAN, US
[72] LABEAU, MARIE PIERRE, US
[72] LANGLOIS, BRUNO, FR
[73] RHODIA OPERATIONS, FR
[85] 2012-08-31
[86] 2011-02-14 (PCT/US2011/024721)
[87] (WO2011/100665)
[30] US (61/337,927) 2010-02-12
[30] US (61/436,944) 2011-01-27

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[11] **2,792,524**
[13] C
[51] **Int.Cl. B29C 70/52 (2006.01) B29C 70/54 (2006.01) F16C 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR THE CONTINUOUS PRODUCTION OF A CONNECTING PART MADE FROM COMPOSITE MATERIAL**
[54] **PROCEDE DE REALISATION EN CONTINU D'UNE PIECE DE LIAISON EN MATERIAU COMPOSITE**
[72] NOGUES, DOMINIQUE, FR
[72] LOUART, FREDERIC, FR
[72] MAUMUS, JEAN-PIERRE, FR
[73] EPSILON COMPOSITE, FR
[85] 2012-09-07
[86] 2011-03-24 (PCT/FR2011/050626)
[87] (WO2011/117546)
[30] FR (1052142) 2010-03-25
[30] FR (1052141) 2010-03-25

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[11] **2,792,862**
[13] C
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 9/20 (2006.01) A61K 9/22 (2006.01) A61K 38/28 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT PREPARATIONS FOR DELIVERY INTO A LUMEN OF THE INTESTINAL TRACT USING A SWALLOWABLE DRUG DELIVERY DEVICE**
[54] **PREPARATIONS D'AGENT THERAPEUTIQUE POUR UNE ADMINISTRATION DANS UNE LUMIERE DU TRACTUS INTESTINAL A L'AIDE D'UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT AVALABLE**
[72] IMRAN, MIR A., US
[73] RANI THERAPEUTICS, LLC, US
[85] 2012-09-10
[86] 2010-12-23 (PCT/US2010/062073)
[87] (WO2011/112229)
[30] US (61/339,941) 2010-03-10

---

[11] **2,793,486**
[13] C
[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **IDLER MECHANISMS FOR HYDRAULIC DEVICES**
[54] **MECANISMES DE RALENTI POUR DISPOSITIFS HYDRAULIQUES**
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA
[72] HARBOTTLE, BRUCE DAVID, ZA
[72] UY, DINDO, US
[72] BARENG, EUSEBIO, US
[72] YANKIE, SCOTT, US
[73] ZODIAC POOL SYSTEMS, INC., US
[85] 2012-09-13
[86] 2011-03-16 (PCT/US2011/028593)
[87] (WO2011/116046)
[30] US (61/340,353) 2010-03-16
[30] US (61/406,589) 2010-10-26

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[11] **2,793,494**
[13] C
[51] **Int.Cl. F16B 25/10 (2006.01)**
[25] EN
[54] **SELF-TAPPING SCREW**
[54] **VIS AUTOTARAUDEUSE**
[72] PALM, ERICH, CH
[73] SFS INTEC HOLDING AG, CH
[85] 2012-09-17
[86] 2011-05-31 (PCT/EP2011/058886)
[87] (WO2011/154279)
[30] DE (10 2010 017 267.7) 2010-06-07

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[11] **2,794,082**
[13] C
[51] **Int.Cl. C12N 15/87 (2006.01) A01H 5/00 (2018.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT PEPTIDE GAMMA-ZEIN FOR DELIVERY OF BIOMOLECULES INTO PLANT CELLS**
[54] **PEPTIDE DE GAMMA-ZEINE VEGETALE POUR LA DELIVRANCE DE BIOMOLECULES DANS DES CELLULES VEGETALES**
[72] SAMBOJU, NARASIMHA CHARY, US
[72] SAMUEL, JAYAKUMAR PON, US
[72] LIN, GAOFENG, US
[72] WEBB, STEVEN R., US
[72] BURROUGHS, FRANK G., US
[73] DOW AGROSCIENCES LLC, US
[85] 2012-09-21
[86] 2011-03-08 (PCT/US2011/027475)
[87] (WO2011/126644)
[30] US (61/319,764) 2010-03-31

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[11] **2,794,324**
[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 7/18 (2006.01)**
[25] EN
[54] **HORIZONTAL WATERJET DRILLING METHOD**
[54] **PROCEDE DE FORAGE A JET D'EAU HORIZONTAL**
[72] WATSON, MARSHALL CHARLES, US
[72] STRAETER, JOSEPH, US
[73] ACT OPERATING COMPANY, US
[85] 2012-09-24
[86] 2011-03-28 (PCT/US2011/030149)
[87] (WO2011/126795)
[30] US (12/749,295) 2010-03-29

[11] **2,794,570**
[13] C
[51] **Int.Cl. A61K 31/4709 (2006.01) A61K 31/351 (2006.01) A61K 31/4453 (2006.01) A61P 23/02 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **NOVEL COMBINATION AND USE**
[54] **NOUVEAU TRAITEMENT COMBINE ET UTILISATION ASSOCIEE**
[72] HU, YANMIN, GB
[72] COATES, ANTHONY M.R., GB
[73] HELPERBY THERAPEUTICS LIMITED, GB
[85] 2012-09-26
[86] 2011-03-29 (PCT/GB2011/050641)
[87] (WO2011/121345)
[30] GB (1005318.9) 2010-03-30
[30] GB (1013211.6) 2010-08-05

[11] **2,795,263**
[13] C
[51] **Int.Cl. B60K 5/12 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] HURD, CHRIS J., US
[72] RIPLEY, RICHARD D., US
[72] KINSMAN, ANTHONY J., US
[72] KMECIK, MATTHEW S., US
[72] ERSPAMER, BRENT A., US
[72] CARLSON, RYAN D., US
[73] POLARIS INDUSTRIES INC., US
[85] 2012-10-02
[86] 2011-04-06 (PCT/US2011/031376)
[87] (WO2011/127138)
[30] US (61/321,439) 2010-04-06
[30] US (13/077,416) 2011-03-31
[30] US (13/077,490) 2011-03-31

[11] **2,795,359**
[13] C
[51] **Int.Cl. B01F 3/04 (2006.01) C02F 3/20 (2006.01)**
[25] EN
[54] **END SEALS FOR AERATION DIFFUSER ASSEMBLY**
[54] **JOINTS D'EXTREMITE POUR ENSEMBLE DIFFUSEUR D'AERATION**
[72] REILLY, JAMES A., US
[72] BERFNER, ANDERS G., SE
[72] PORATH, PER OLOV MARCUS, SE
[73] XYLEM IP HOLDINGS LLC, US
[85] 2012-10-03
[86] 2011-03-17 (PCT/US2011/028757)
[87] (WO2011/129947)
[30] US (12/758,369) 2010-04-12

[11] **2,795,520**
[13] C
[51] **Int.Cl. A61K 31/722 (2006.01) A61L 15/28 (2006.01) A61P 17/02 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING WOUNDS UTILIZING CHITOSAN COMPOUNDS**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DE BLESSURES UTILISANT DES COMPOSES DE CHITOSANE**
[72] BAKER, SHENDA, US
[72] BAXTER, RUTH, US
[72] WIESMANN, WILLIAM P., US
[73] SYNEDGEN INC., US
[85] 2012-10-04
[86] 2011-04-06 (PCT/US2011/031385)
[87] (WO2011/127144)
[30] US (61/321,437) 2010-04-06
[30] US (61/451,430) 2011-03-10

[11] **2,795,614**
[13] C
[51] **Int.Cl. B01J 29/80 (2006.01)**
[25] EN
[54] **CU-CHA/FE-MFI MIXED ZEOLITE CATALYST AND PROCESS FOR TREATING NOX IN GAS STREAMS USING THE SAME**
[54] **CATALYSEUR ZEOLITIQUE MIXTE CU-CHA/FE-MFI ET PROCEDE DE TRAITEMENT DE NOX DANS LES FLUX DE GAZ AU MOYEN DUDIT CATALYSEUR**
[72] STIEBELS, SUSANNE, DE
[72] WENDT, CLAUDIA, DE
[72] NEUBAUER, TORSTEN, DE
[72] DIETERLE, MARTIN, DE
[72] MOHANAN, JAYA L., US
[73] BASF SE, DE
[73] BASF CORPORATION, US
[85] 2012-10-04
[86] 2011-04-08 (PCT/IB2011/051524)
[87] (WO2011/125049)
[30] EP (10159367.1) 2010-04-08

[11] **2,795,791**
[13] C
[51] **Int.Cl. C01B 33/20 (2006.01) B01J 20/10 (2006.01) B01J 21/08 (2006.01) C01B 33/18 (2006.01) C09C 1/30 (2006.01)**
[25] EN
[54] **SULFUR CONTAINING SILICA PARTICLE**
[54] **PARTICULE DE SILICE CONTENANT DU SOUFRE**
[72] KEISER, BRUCE A., US
[72] ERGANG, NICHOLAS S., US
[72] MIMNA, RICHARD, US
[73] NALCO COMPANY, US
[85] 2012-10-05
[86] 2011-04-07 (PCT/US2011/031496)
[87] (WO2011/127230)
[30] US (12/756,577) 2010-04-08

[11] **2,795,985**
[13] C
[51] **Int.Cl. B60S 5/04 (2006.01) B65B 31/04 (2006.01) F17C 13/08 (2006.01)**
[25] EN
[54] **NITROGEN TIRE FILLING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE PERMETTANT DE REMPLIR DES PNEUS DE VEHICULE AVEC DE L'AZOTE**
[72] LACHMAN, JANICE, US
[73] LACHMAN, JANICE, US
[85] 2012-10-10
[86] 2011-04-08 (PCT/US2011/000656)
[87] (WO2011/129879)
[30] US (61/342,208) 2010-04-12
[30] US (12/927,098) 2010-11-08

[11] **2,796,115**
[13] C
[51] **Int.Cl. G02C 7/04 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **CONTACT LENSES DISPLAYING REDUCED INDOOR GLARE**
[54] **LENTILLES DE CONTACT PRESENTANT UN REFLET REDUIT EN INTERIEUR**
[72] DUIS, DONNIE J., US
[72] BUCH, JOHN R., US
[72] GRAMMER, HOLLY L., US
[72] GEORGE, ERIC R., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2012-10-10
[86] 2011-04-11 (PCT/US2011/031879)
[87] (WO2011/130138)
[30] US (61/323,438) 2010-04-13
[30] US (13/082,427) 2011-04-08

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[11] **2,796,377**
[13] C
[51] **Int.Cl. C08L 101/00 (2006.01) C08F 2/44 (2006.01) C08J 3/02 (2006.01) C08L 83/04 (2006.01) C08L 91/06 (2006.01) C09D 5/02 (2006.01)**
[25] EN
[54] **PAINTS WITH IMPROVED WATER STAINING AND COLOR RUB-OFF QUALITIES**
[54] **PEINTURES PRESENTANT DES QUALITES DE FORMATION DE TACHES D'EAU ET D'ELIMINATION DE COULEUR PAR FROTTEMENT AMELIOREES**
[72] YANG, YONG, US
[72] LIBERO, VINCENT R., US
[72] SHAVEL, LUZ CLARENA, US
[72] COOPER, GLENN M., US
[72] GARCIA DE VISICARO, JOHANNA L., US
[72] AMRICH, GEORGE M., US
[72] SHEERIN, ROBERT J., US
[72] MINASSIAN, STEVE S., US
[73] BENJAMIN MOORE & CO., US
[85] 2012-10-12
[86] 2011-04-19 (PCT/US2011/032949)
[87] (WO2011/133487)
[30] US (61/325,566) 2010-04-19

---

[11] **2,796,915**
[13] C
[51] **Int.Cl. G01V 9/00 (2006.01) G01V 1/40 (2006.01) G06F 17/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTING A DEFAULT 3D VARIOGRAM MODEL**
[54] **SYSTEMES ET PROCEDES POUR CALCULER UN MODELE DE VARIOGRAMME 3D PAR DEFAUT**
[72] YARUS, JEFFREY, US
[72] SHI, GENBAO, US
[72] CHAMBERS, RICHARD L., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2012-10-19
[86] 2010-06-18 (PCT/US2010/039163)
[87] (WO2011/159310)

---

[11] **2,796,937**
[13] C
[51] **Int.Cl. G02B 5/00 (2006.01) B42D 25/30 (2014.01) B42D 15/00 (2006.01) G02B 5/28 (2006.01)**
[25] EN
[54] **OPTICALLY VARIABLE DEVICES, THEIR PRODUCTION AND USE**
[54] **DISPOSITIFS OPTIQUEMENT VARIABLES, PRODUCTION ET UTILISATION DE CEUX-CI**
[72] MACPHERSON, CHARLES DOUGLAS, US
[72] HARDWICK, BRUCE ALFRED, AU
[73] NANOTECH SECURITY CORP., CA
[85] 2012-10-19
[86] 2011-04-21 (PCT/CA2011/000460)
[87] (WO2011/130842)
[30] US (61/326,364) 2010-04-21

---

[11] **2,797,261**
[13] C
[51] **Int.Cl. A61B 46/23 (2016.01) A61B 50/00 (2016.01)**
[25] EN
[54] **SURGICAL DRAPE KIT**
[54] **KIT DE CHAMP OPERATOIRE**
[72] MCCOLLOUGH, ANDRYE, US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2012-10-23
[86] 2011-04-28 (PCT/US2011/034283)
[87] (WO2011/137223)
[30] US (61/329,192) 2010-04-29

---

[11] **2,797,354**
[13] C
[51] **Int.Cl. G08B 23/00 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **PROXIMITY WARNING SYSTEM WITH SILENT ZONES**
[54] **SYSTEME D'ALERTE DE PROXIMITE AVEC DES ZONES DE SILENCE**
[72] FREDERICK, LARRY D., US
[72] HAMMOND, PAUL L., US
[73] STRATA SAFETY PRODUCTS, LLC, US
[85] 2012-10-24
[86] 2010-04-29 (PCT/US2010/032914)
[87] (WO2010/127077)
[30] US (61/174,444) 2009-04-30

---

[11] **2,797,547**
[13] C
[51] **Int.Cl. E21B 33/072 (2006.01) E21B 33/08 (2006.01)**
[25] EN
[54] **STUFFING BOX ARRANGEMENT HAVING BACK-PRESSURE RESISTANT VALVE, AND ASSOCIATED SURFACE ASSEMBLY**
[54] **ARRANGEMENT DE BOITE A GARNITURE COMPORTANT UNE VANNE RESISTANTE A LA CONTRE-PRESSION ET ASSEMBLAGE DE SURFACE ASSOCIE**
[72] BERNARD, YVON, FR
[72] FOUCHER, PIERRE-ARNAUD, FR
[72] GIRARDI, FRANCOIS, FR
[73] GEOSERVICES EQUIPEMENTS, FR
[85] 2012-10-26
[86] 2011-04-26 (PCT/EP2011/002079)
[87] (WO2011/134637)
[30] FR (1053206) 2010-04-27

[11] **2,798,428**
[13] C
[51] **Int.Cl. G01V 3/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SLIDING DOOR PATTERN CANCELLATION IN METAL DETECTION**
[54] **PROCEDE ET SYSTEME ANNULER UN MODELE DE PORTE COULISSANTE DANS UNE DETECTION DE METAL**
[72] DINH, ERIK LEE, US
[72] BERGMAN, ADAM S., US
[72] SOTO, MANUEL A., US
[73] TYCO FIRE & SECURITY GMBH, CH
[85] 2012-11-05
[86] 2011-04-06 (PCT/US2011/000629)
[87] (WO2011/139323)
[30] US (12/774,799) 2010-05-06

---

[11] **2,799,025**
[13] C
[51] **Int.Cl. C08F 10/08 (2006.01) C08F 10/10 (2006.01) D21H 17/35 (2006.01) D21H 21/14 (2006.01)**
[25] EN
[54] **CREPING RELEASE AGENTS**
[54] **AGENTS DE DECOFFRAGE POUR CREPAGE**
[72] DILKUS, CHRISTOPHER P., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2012-11-08
[86] 2011-06-07 (PCT/US2011/039368)
[87] (WO2011/156313)
[30] US (61/352,192) 2010-06-07

---

[11] **2,799,679**
[13] C
[51] **Int.Cl. C07C 57/58 (2006.01) A01N 37/40 (2006.01) A01N 39/04 (2006.01) A01P 13/00 (2006.01) C07C 59/70 (2006.01) C07C 63/08 (2006.01) C07C 63/10 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF HERBICIDAL SALTS**
[54] **PROCEDE DE PREPARATION DE SELS HERBICIDES**
[72] KRAVETS, EDUARD, AU
[73] NUFARM AUSTRALIA LIMITED, AU
[85] 2012-11-16
[86] 2011-05-11 (PCT/AU2011/000550)
[87] (WO2011/143690)
[30] US (61/345,192) 2010-05-17

---

[11] **2,799,706**
[13] C
[51] **Int.Cl. B29C 70/22 (2006.01) B29C 70/24 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01) D03D 25/00 (2006.01)**
[25] EN
[54] **TURBOMACHINE BLADE HAVING COMPLEMENTARY ASYMMETRICAL GEOMETRY**
[54] **AUBE DE TURBOMACHINE A GEOMETRIE ASYMETRIQUE COMPLEMENTAIRE.**
[72] ROUSSILLE, CLEMENT, FR
[72] MATEO, JULIEN, FR
[73] HERAKLES, FR
[73] SNECMA, FR
[85] 2012-11-16
[86] 2011-06-22 (PCT/FR2011/051431)
[87] (WO2012/001269)
[30] FR (1055161) 2010-06-28

---

[11] **2,799,762**
[13] C
[51] **Int.Cl. C07D 493/04 (2006.01) A61K 31/635 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **CRYSTALLINE HYDROCHLORIDE SALT OF DARUNAVIR**
[54] **SEL DE CHLORHYDRATE CRISTALLIN DE DARUNAVIR**
[72] PARTHASARADHI REDDY, BANDI, IN
[72] RATHNAKAR REDDY, KURA, IN
[72] MURALIDHARA REDDY, DASARI, IN
[72] RAJI REDDY, RAPOLU, IN
[72] VAMSI KRISHNA, BANDI, IN
[72] SUBASH CHANDER REDDY, KESIREDDY, IN
[73] HETERO RESEARCH FOUNDATION, IN
[85] 2012-11-16
[86] 2010-05-20 (PCT/IN2010/000339)
[87] (WO2011/145099)

---

[11] **2,799,922**
[13] C
[51] **Int.Cl. C08L 53/00 (2006.01) C08K 3/04 (2006.01) C08K 3/08 (2006.01) H01B 1/20 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE, OLEFIN MULTIBLOCK COPOLYMER COMPOSITIONS**
[54] **COMPOSITIONS DE COPOLYMERES MULTIBLOCS OLEFINIQUES ELECTRO-CONDUCTRICES**
[72] ESSEGHIR, MOHAMED, US
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION LLC, US
[85] 2012-11-19
[86] 2011-05-26 (PCT/US2011/038048)
[87] (WO2011/159446)
[30] US (61/356,161) 2010-06-18

---

[11] **2,800,108**
[13] C
[51] **Int.Cl. G06F 3/03 (2006.01) G06F 3/01 (2006.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **JUMP, CHECKMARK, AND STRIKETHROUGH GESTURES**
[54] **GESTES POUR SAUTER, COCHER ET BARRER**
[72] HARRIS, JONATHAN R., US
[72] ALLEN, ANDREW S., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-11-20
[86] 2011-05-29 (PCT/US2011/038475)
[87] (WO2011/156159)
[30] US (12/796,476) 2010-06-08

[11] 2,800,193
[13] C
[51] Int.Cl. G01S 19/02 (2010.01) G01S 19/09 (2010.01) G01S 1/04 (2006.01) G01S 1/08 (2006.01)
[25] EN
[54] METHOD OF PROVIDING AN AUTHENTICABLE TIME-AND-LOCATION INDICATION
[54] PROCEDE DE FOURNITURE D'UNE INDICATION D'HEURE ET DE POSITION AUTHENTIFIABLE
[72] CHASSAGNE, OLIVIER, BE
[73] THE EUROPEAN UNION, REPRESENTED BY THE EUROPEAN COMMISSION, BE
[85] 2012-11-21
[86] 2011-05-31 (PCT/EP2011/058989)
[87] (WO2011/157554)
[30] EP (10166025.6) 2010-06-15

[11] 2,800,512
[13] C
[51] Int.Cl. G06K 9/00 (2006.01)
[25] FR
[54] EXTRACTION OF A DOCUMENT IN A SERIES OF RECORDED IMAGES
[54] EXTRACTION D'UN DOCUMENT DANS UNE SERIE D'IMAGES CAPTEES
[72] REVELIN, STEPHANE, FR
[72] DOUBLET, JULIEN, FR
[72] VERILHAC, MICHAEL, FR
[72] JOUINI, SOUFIANE, FR
[72] KETCHANTANG, WILLIAM, FR
[73] MORPHO, FR
[85] 2012-11-22
[86] 2011-05-25 (PCT/FR2011/051189)
[87] (WO2011/148099)
[30] FR (1054116) 2010-05-27

[11] 2,800,533
[13] C
[51] Int.Cl. G06F 3/01 (2006.01) G06F 3/03 (2006.01) G06F 3/14 (2006.01) G06F 3/16 (2006.01) G06T 15/00 (2011.01)
[25] EN
[54] NATURAL USER INPUT FOR DRIVING INTERACTIVE STORIES
[54] ENTREE UTILISATEUR NATURELLE POUR FAIRE PROGRESSER DES HISTOIRES INTERACTIVES
[72] FULLER, ANDREW, US
[72] POAT, RUDY, US
[72] KIPMAN, ALEX ABEN-ATHAR, US
[72] PEREZ, KATHRYN STONE, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-11-22
[86] 2011-06-09 (PCT/US2011/039881)
[87] (WO2011/162974)
[30] US (12/819,983) 2010-06-21

[11] *2,800,623
[13] C
[51] Int.Cl. G06F 9/48 (2006.01)
[25] EN
[54] CONTROLLING A RATE AT WHICH ADAPTER INTERRUPTION REQUESTS ARE PROCESSED
[54] COMMANDE D'UNE FREQUENCE A LAQUELLE DES DEMANDES D'INTERRUPTION D'ADAPTATEUR SONT TRAITEES
[72] SITTMANN, GUSTAV, III, US
[72] CRADDOCK, DAVID, US
[72] GREGG, THOMAS, US
[72] SCHMIDT, DONALD WILLIAM, US
[72] BELMAR, BRENTON FRANCOIS, US
[72] FARRELL, MARK, US
[72] OSISEK, DAMIAN LEO, US
[72] TARCZA, RICHARD, US
[72] EASTON, JANET, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2012-11-23
[86] 2010-11-08 (PCT/EP2010/067019)
[87] (WO2011/160704)
[30] US (12/821,179) 2010-06-23

[11] 2,800,819
[13] C
[51] Int.Cl. H04W 72/04 (2009.01) H04W 72/12 (2009.01) H04J 1/00 (2006.01) H04J 11/00 (2006.01)
[25] EN
[54] MOBILE STATION APPARATUS, BASE STATION APPARATUS, RADIO COMMUNICATION SYSTEM, RADIO COMMUNICATION METHOD, AND INTEGRATED CIRCUIT
[54] APPAREIL DE STATION MOBILE, APPAREIL DE STATION DE BASE, SYSTEME DE COMMUNICATION SANS FIL, PROCEDE DE COMMUNICATION SANS FIL ET CIRCUIT INTEGRE
[72] SUZUKI, SHOICHI, JP
[72] AKIMOTO, YOSUKE, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2012-11-26
[86] 2011-05-20 (PCT/JP2011/061679)
[87] (WO2011/148876)
[30] JP (2010-121258) 2010-05-27

[11] 2,800,924
[13] C
[51] Int.Cl. B01F 7/00 (2006.01) C02F 11/00 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR TREATING SLURRIES
[54] DISPOSITIF ET PROCEDE DE TRAITEMENT DE BOUES
[72] KNAUER, JOCHEN FRIEDRICH, DE
[73] ECOLAB USA INC., US
[85] 2012-11-27
[86] 2011-06-09 (PCT/EP2011/059620)
[87] (WO2011/157633)
[30] DE (10 2010 023 793.0) 2010-06-15

[11] **2,801,171**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 1/06 (2006.01) A61B 17/02 (2006.01) A61B 17/22 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EFFECTING AT LEAST ONE ANATOMICAL STRUCTURE**
[54] **APPAREIL ET PROCEDE POUR EFFECTUER AU MOINS UNE STRUCTURE ANATOMIQUE**
[72] PISKUN, GREGORY, US
[72] GUTELIUS, PATRICK, US
[72] SHIKHMAN, OLEG, US
[73] COVIDIEN LP, US
[85] 2012-11-29
[86] 2011-04-26 (PCT/US2011/033875)
[87] (WO2011/139665)
[30] US (61/328,005) 2010-04-26

[11] **2,801,370**
[13] C
[51] **Int.Cl. C12N 5/095 (2010.01) C12N 5/07 (2010.01) C12N 5/09 (2010.01) C12Q 1/02 (2006.01) C12Q 1/18 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR ISOLATING A CHEMOTHERAPEUTIC AGENT RESISTANT CANCER CELL WITH STEM CELL PROPERTIES**
[54] **METHODE POUR ISOLER UNE CELLULE CANCEREUSE RESISTANT AUX AGENTS CHIMIOTHERAPEUTIQUES ET PRESENTANT DES PROPRIETES SIMILAIRES A CELLES DES CELLULES SOUCHES**
[72] GAZDA, LAWRENCE, US
[72] SMITH, BARRY, US
[73] THE ROGOSIN INSTITUTE, INC., US
[85] 2012-11-30
[86] 2011-11-22 (PCT/US2011/061812)
[87] (WO2012/071394)
[30] US (61/458,391) 2010-11-23
[30] US (61/458,390) 2010-11-23

[11] **2,801,394**
[13] C
[51] **Int.Cl. C07C 5/373 (2006.01) C01B 39/24 (2006.01) C07C 15/02 (2006.01)**
[25] EN
[54] **METHOD OF CONVERTING ALPHA-PINENE TO PARA-CYMENE BY USING A ZEOLITIC CATALYST**
[54] **PROCEDE DE CONVERSION D'ALPHA-PINENE EN PARA-CYMENE A L'AIDE D'UN CATALYSEUR ZEOLITIQUE**
[72] RASANEN, JARI, FI
[72] PENTTINEN, TAPANI, FI
[72] HARLIN, ALI, FI
[72] KAILA, REETTA, FI
[73] STORA ENSO OYJ, FI
[85] 2012-12-03
[86] 2011-06-03 (PCT/FI2011/050518)
[87] (WO2011/151526)
[30] FI (20105630) 2010-06-03

[11] **2,801,408**
[13] C
[51] **Int.Cl. G21G 1/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SELECTIVE GASEOUS EXTRACTION OF MOLYBDENUM-99 AND OTHER FISSION PRODUCT RADIOISOTOPES**
[54] **PROCEDES ET APPAREIL POUR L'EXTRACTION GAZEUSE SELECTIVE DE MOLYBDENE-99 ET D'AUTRES RADIO-ISOTOPES PRODUITS DE FISSION**
[72] BROWN, LLOYD C., US
[73] GENERAL ATOMICS, US
[85] 2012-11-30
[86] 2011-06-08 (PCT/US2011/039551)
[87] (WO2011/156446)
[30] US (61/353,102) 2010-06-09

[11] **2,802,399**
[13] C
[51] **Int.Cl. F23N 1/00 (2006.01) F02C 7/266 (2006.01) F02C 9/26 (2006.01) F23R 3/28 (2006.01)**
[25] FR
[54] **IGNITION PROCEDURE FOR A TURBINE ENGINE COMBUSTION CHAMBER**
[54] **PROCEDURE D'ALLUMAGE POUR UNE CHAMBRE DE COMBUSTION DE TURBOMACHINE**
[72] PIEUSSERGUES, CHRISTOPHE, FR
[72] SANDELIS, DENIS JEAN MAURICE, FR
[73] SNECMA, FR
[85] 2012-12-11
[86] 2011-07-01 (PCT/FR2011/051555)
[87] (WO2012/004496)
[30] FR (1055533) 2010-07-07

[11] **2,802,446**
[13] C
[51] **Int.Cl. A61J 1/10 (2006.01) A61J 1/20 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **PREPARATION OF MEDICAL SOLUTIONS FROM POWDERY MATERIAL**
[54] **PREPARATION DE SOLUTIONS MEDICALES A PARTIR D'UN MATERIAU PULVERULENT**
[72] JANSSON, OLOF, SE
[72] JOENSSON, LENNART, SE
[72] LINDEN, TORBJOERN, SE
[72] STERNBY, JAN, SE
[72] TRYGGVASON, RAGNAR, SE
[72] WIESLANDER, ANDERS, SE
[73] GAMBRO LUNDIA AB, SE
[85] 2012-12-12
[86] 2011-06-20 (PCT/EP2011/060255)
[87] (WO2011/161064)
[30] SE (1050684-8) 2010-06-23
[30] US (61/358,009) 2010-06-24

[11] **2,802,932**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/18 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **LONG-TERM STORAGE OF NON-GLYCOSYLATED RECOMBINANT HUMAN G-CSF**
[54] **STOCKAGE DE LONGUE DUREE DE G-CSF HUMAIN RECOMBINE NON GLYCOSYLE**
[72] GRAUMANN, KLAUS, AT
[72] LERCH, HELMUT, AT
[72] LAUBER, THOMAS, AT
[73] SANDOZ AG, CH
[85] 2012-12-17
[86] 2011-06-22 (PCT/EP2011/060454)
[87] (WO2011/161165)
[30] EP (10166915.8) 2010-06-22
[30] US (61/360,562) 2010-07-01

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[11] **2,803,157**
[13] C
[51] **Int.Cl. B22F 3/105 (2006.01) B22F 3/00 (2006.01) B22F 5/04 (2006.01) B23P 15/02 (2006.01) F01D 5/14 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING A METAL PART BY SELECTIVELY MELTING A POWDER**
[54] **PROCEDE DE FABRICATION D'UNE PIECE METALLIQUE PAR FUSION SELECTIVE D'UNE POUDRE**
[72] MOTTIN, JEAN-BAPTISTE, FR
[72] MEREAUX, BERYL CASSANDRE ANNE, FR
[72] JOBEZ, SOPHIE MARTINE, FR
[72] CHANTOISEAU, OLIVIER, FR
[72] LE RAZER, BRUNO, GB
[73] SNECMA, FR
[85] 2012-12-18
[86] 2011-07-01 (PCT/FR2011/051543)
[87] (WO2012/001324)
[30] FR (1055281) 2010-07-01

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[11] **2,803,302**
[13] C
[51] **Int.Cl. B65D 81/24 (2006.01) B65D 51/24 (2006.01) B65D 53/04 (2006.01)**
[25] EN
[54] **OXYGEN SCAVENGING SYSTEM FOR A CONTAINER**
[54] **SYSTEME D'EVACUATION D'OXYGENE POUR UN RECIPIENT**
[72] PATCHEAK, TERRY D., US
[72] BEUERLE, FREDERICK C., US
[72] LUCHIES, REINHARD C. J., US
[72] BRACE, JOHN G., US
[72] LANE, MICHAEL T., US
[72] BILINSKI, HOLLY, US
[72] BATES, PETER, US
[72] MAST, LUKE A., US
[73] AMCOR GROUP GMBH, CH
[85] 2012-12-19
[86] 2011-06-24 (PCT/US2011/041770)
[87] (WO2011/163562)
[30] US (61/358,456) 2010-06-25
[30] US (13/167,967) 2011-06-24

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[11] **2,803,533**
[13] C
[51] **Int.Cl. E21B 33/06 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **BLOWOUT PREVENTER MONITORING SYSTEM AND METHOD OF USING SAME**
[54] **SYSTEME DE SURVEILLANCE DE BLOC OBTURATEUR DE PUITS ET SON PROCEDE D'UTILISATION**
[72] LIOTTA, JOSEPH JAMES, US
[72] ENSLEY, ERIC TREVOR, US
[72] JOHNSON, CHRISTOPHER DALE, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2012-12-20
[86] 2011-06-24 (PCT/US2011/041894)
[87] (WO2012/003146)
[30] US (61/360,783) 2010-07-01
[30] US (13/168,594) 2011-06-24

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[11] **2,803,834**
[13] C
[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **AUTOMATIC POOL CLEANERS AND COMPONENTS THEREOF**
[54] **APPAREILS DE NETTOYAGE DE PISCINE AUTOMATIQUES ET LEURS COMPOSANTS**
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA
[72] BAUCKMAN, MARK, US
[72] KLIMAS, DAVID ANDREW, US
[73] ZODIAC POOL SYSTEMS, INC., US
[85] 2012-12-21
[86] 2011-06-14 (PCT/US2011/040248)
[87] (WO2012/009081)
[30] US (61/398,592) 2010-06-28

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[11] **2,804,061**
[13] C
[51] **Int.Cl. D21H 21/28 (2006.01) D21H 21/30 (2006.01) D21H 21/32 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITIONS FOR SHADING IN COATING APPLICATIONS**
[54] **COMPOSITIONS AQUEUSES DE NUANCAGE DANS LES APPLICATIONS DE REVETEMENTS**
[72] GRETHER-SCHENE, HEIDRUN, DE
[72] PUDDIPHATT, DAVID, CH
[73] ARCHROMA IP GMBH, CH
[85] 2012-12-28
[86] 2011-06-21 (PCT/EP2011/003048)
[87] (WO2012/000625)
[30] EP (10006815.4) 2010-07-01

[11] **2,804,832**
[13] C
[51] **Int.Cl. A01K 11/00 (2006.01) A01K 13/00 (2006.01) A61B 10/02 (2006.01)**
[25] EN
[54] **UNIT FOR MARKING AND/OR SAMPLING ANIMAL TISSUE AND CORRESPONDING MARKING AND/OR SAMPLING TOOL**
[54] **ENSEMBLE DE MARQUAGE ET/OU DE PRELEVEMENT DE TISSU D'UN ANIMAL ET OUTIL DE MARQUAGE ET/OU DE PRELEVEMENT CORRESPONDANT**
[72] TEYCHENE, BRUNO, FR
[72] HILPERT, JEAN-JACQUES, FR
[73] ALLFLEX EUROPE, FR
[85] 2013-01-09
[86] 2011-06-23 (PCT/EP2011/060558)
[87] (WO2012/013429)
[30] FR (1056349) 2010-07-30

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[11] **2,804,918**
[13] C
[51] **Int.Cl. C07C 317/40 (2006.01) A61K 31/16 (2006.01) A61K 31/5375 (2006.01) A61P 1/02 (2006.01) A61P 1/04 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 17/04 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61P 43/00 (2006.01) C07D 295/12 (2006.01)**
[25] EN
[54] **N-HYDROXYFORMAMIDE DERIVATIVE AND MEDICAMENT CONTAINING SAME**
[54] **DERIVE DE N-HYDROXYFORMAMIDE ET PRODUIT PHARMACEUTIQUE LE CONTENANT**
[72] KAWAI, KENTARO, JP
[72] MIYAMOTO, SHIGERU, JP
[72] SHIMANO, MASANAO, JP
[72] HAINO, MAKOTO, JP
[73] KAKEN PHARMACEUTICAL CO., LTD., JP
[85] 2012-12-21
[86] 2011-07-05 (PCT/JP2011/065317)
[87] (WO2012/005229)
[30] JP (2010-156025) 2010-07-08

---

[11] **2,805,486**
[13] C
[51] **Int.Cl. C12Q 1/24 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHOD FOR LINKING POINT OF CARE RAPID DIAGNOSTIC TESTING RESULTS TO LABORATORY-BASED METHODS**
[54] **PROCEDE POUR RELIER DES RESULTATS D'ANALYSES DIAGNOSTIQUES RAPIDES AU POINT D'INTERVENTION A DES PROCEDES EN LABORATOIRE**
[72] CARRINO, JOHN J., US
[72] FAN, JAMES, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-01-11
[86] 2011-07-20 (PCT/US2011/044674)
[87] (WO2012/012527)
[30] US (61/366,076) 2010-07-20

---

[11] **2,806,056**
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/06 (2006.01) A61M 16/08 (2006.01) A61M 39/08 (2006.01) A61M 39/10 (2006.01) A61M 39/12 (2006.01)**
[25] EN
[54] **UNIVERSAL MEDICAL GAS DELIVERY SYSTEM**
[54] **SYSTEME UNIVERSEL D'ADMINISTRATION DE GAZ MEDICAL**
[72] RUBIN, DARREN, US
[73] RUBIN, DARREN, US
[85] 2013-01-18
[86] 2011-01-31 (PCT/US2011/000177)
[87] (WO2012/018362)
[30] US (12/806,032) 2010-08-04

---

[11] **2,806,392**
[13] C
[51] **Int.Cl. F03G 3/00 (2006.01) F03B 7/00 (2006.01)**
[25] EN
[54] **WATER MOTOR**
[54] **MOTEUR A EAU**
[72] ACKMAN, TERRY EDWARD, US
[73] ACKMAN, TERRY EDWARD, US
[85] 2013-01-23
[86] 2011-06-28 (PCT/US2011/001150)
[87] (WO2012/018363)
[30] US (12/804,618) 2010-07-26

---

[11] **2,807,801**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **A CATHETER HOLE HAVING A FLOW BREAKING FEATURE**
[54] **TROU DE CATHETER DOTE D'UN ELEMENT DE RUPTURE DE FLUX**
[72] MCKINNON, AUSTIN JASON, US
[72] O'BRYAN, JEFF, US
[72] ADAMS, CHAD M., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-02-07
[86] 2011-08-02 (PCT/US2011/046311)
[87] (WO2012/021336)
[30] US (12/853,804) 2010-08-10

---

[11] **2,808,373**
[13] C
[51] **Int.Cl. F04B 43/00 (2006.01) F04B 43/067 (2006.01)**
[25] EN
[54] **MEMBRANE PUMP AND METHOD FOR ADJUSTING SAME**
[54] **POMPE A MEMBRANE ET PROCEDE POUR AJUSTER UNE TELLE POMPE**
[72] FRITSCH, HORST, DE
[73] PROMINENT DOSIERTECHNIK GMBH, DE
[85] 2013-02-14
[86] 2011-08-15 (PCT/EP2011/064044)
[87] (WO2012/025422)
[30] DE (10 2010 039 831.4) 2010-08-26

---

[11] **2,808,716**
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING HAPTIC AND AUDIO FEEDBACK IN A TOUCH SENSITIVE USER INTERFACE**
[54] **APPAREIL ET PROCEDE DE FOURNITURE D'UNE RETROACTION HAPTIQUE ET AUDIO DANS UNE INTERFACE UTILISATEUR TACTILE**
[72] TOSSAVAINEN, ANTERO, FI
[72] KAJANUS, VESA, FI
[72] SORONEN, PETRI, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2013-02-19
[86] 2010-08-23 (PCT/IB2010/053783)
[87] (WO2012/025783)

[11] 2,809,870
[13] C
[51] Int.Cl. B21D 37/12 (2006.01) B21D 22/02 (2006.01) B21D 37/14 (2006.01) B30B 15/02 (2006.01)
[25] EN
[54] GUIDED KEEPER AND METHOD FOR METAL FORMING DIES
[54] ORGANE DE BLOCAGE GUIDE ET PROCEDE POUR MATRICES DE FORMAGE DE METAL
[72] BREEN, SCOTT M., US
[72] PYPER, JOEL T., US
[73] STANDARD LIFTERS, INC., US
[85] 2013-02-27
[86] 2011-09-07 (PCT/US2011/050677)
[87] (WO2012/033826)
[30] US (61/380,500) 2010-09-07
[30] US (13/225,971) 2011-09-06

[11] 2,810,682
[13] C
[51] Int.Cl. E04H 13/00 (2006.01) E06B 9/02 (2006.01)
[25] EN
[54] COLUMBARIUM CONSTRUCTION AND SHUTTER MOUNTING SYSTEM
[54] STRUCTURE DE COLUMBARIUM ET SYSTEME DE MONTAGE DE VOLET
[72] EICKHOF, PAUL, US
[73] EICKHOF COLUMBARIA, INC., US
[85] 2013-03-06
[86] 2010-09-10 (PCT/US2010/048481)
[87] (WO2012/033499)

[11] 2,810,684
[13] C
[51] Int.Cl. A61M 25/00 (2006.01) A61M 25/06 (2006.01)
[25] EN
[54] ASSEMBLY METHOD FOR CATHETER WITH BLOOD CONTROL
[54] PROCEDE D'ASSEMBLAGE POUR CATHETER A LIMITATION DU FLUX SANGUIN
[72] CLUFF, KEN, US
[72] MOULTON, WILLIAM G., US
[72] HENDERSON, EDWARD G., III, US
[72] MCMURRAY, JEFF, US
[72] LINDSTROM, KENNETH B., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-03-06
[86] 2011-08-18 (PCT/US2011/048281)
[87] (WO2012/033624)
[30] US (12/877,494) 2010-09-08

[11] 2,810,822
[13] C
[51] Int.Cl. A61B 5/00 (2006.01) G01N 21/47 (2006.01) G06T 11/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR VIRTUAL INDEX-MATCHING OF DIFFUSIVE MEDIA
[54] SYSTEMES ET PROCEDES POUR ADAPTATION D'INDICE VIRTUELLE DE MILIEUX DIFFUSIFS
[72] RIPOLL, LORENZO JORGE, ES
[72] YARED, WAEL, I., US
[72] KEMPNER, JOSHUA, US
[73] VISEN MEDICAL, INC., US
[85] 2013-03-07
[86] 2010-09-22 (PCT/US2010/049831)
[87] (WO2011/038006)
[30] US (61/244,674) 2009-09-22

[11] 2,810,980
[13] C
[51] Int.Cl. G01N 27/90 (2006.01) G21C 17/017 (2006.01)
[25] EN
[54] NONDESTRUCTIVE INSPECTION METHOD FOR A HEAT EXCHANGER EMPLOYING ADAPTIVE NOISE THRESHOLDING
[54] PROCEDE DE CONTROLE NON DESTRUCTIF POUR UN ECHANGEUR DE CHALEUR EMPLOYANT LA DEFINITION DE SEUIL DE BRUIT ADAPTATIVE
[72] LE, QUI V., US
[72] BOWSER, CRAIG G., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2013-03-08
[86] 2010-10-05 (PCT/US2010/051382)
[87] (WO2012/044330)
[30] US (12/895,942) 2010-10-01

[11] 2,811,675
[13] C
[51] Int.Cl. A61B 6/00 (2006.01) A61B 5/07 (2006.01)
[25] EN
[54] ESTIMATION OF DISTANCES AND SIZE OF LESIONS IN THE COLON WITH AN IMAGING CAPSULE
[54] ESTIMATION DE DISTANCES ET DE LA TAILLE DE LESIONS DANS LE COLON AU MOYEN D'UNE CAPSULE D'IMAGERIE CAPSULE
[72] BAUM, GIDEON, IL
[72] KIMCHY, YOAV, IL
[73] CHECK-CAP LTD., IL
[85] 2013-03-19
[86] 2011-09-22 (PCT/IL2011/000749)
[87] (WO2012/038960)
[30] US (61/344,731) 2010-09-23

[11] 2,811,836
[13] C
[51] Int.Cl. F16H 7/12 (2006.01)
[25] EN
[54] TENSIONING DEVICE FOR A TRACTION MECHANISM DRIVE OF AN INTERNAL COMBUSTION ENGINE
[54] DISPOSITIF TENDEUR POUR UN DISPOSITIF DE TRANSMISSION PAR LIEN SOUPLE D'UN MOTEUR A COMBUSTION INTERNE
[72] MACK, STEFAN, DE
[72] REICHERT, ANDREA, DE
[72] HAUCK, CHRISTIAN, DE
[72] HARTMANN, BERND, DE
[72] BAUER, HANS, DE
[73] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
[85] 2013-03-20
[86] 2011-09-30 (PCT/EP2011/067064)
[87] (WO2012/049030)
[30] DE (10 2010 048 206.4) 2010-10-13

[11] **2,811,991**
[13] C
[51] **Int.Cl. B60R 11/02 (2006.01)**
[25] EN
[54] **IN-VEHICLE DOCKING STATION FOR A PORTABLE MEDIA PLAYER**
[54] **STATION D'ANCRAGE POUR LECTEUR MULTIMEDIA PORTABLE UTILISE A L'INTERIEUR D'UN VEHICULE**
[72] SHALAM, DAVID M., US
[72] TRANCHINA, JAMES R., US
[73] AUDIOVOX CORPORATION, US
[86] (2811991)
[87] (2811991)
[22] 2007-01-03
[62] 2,636,137
[30] US (60/756,260) 2006-01-04

---

[11] **2,812,461**
[13] C
[51] **Int.Cl. A01B 73/02 (2006.01) A01C 23/00 (2006.01)**
[25] EN
[54] **WING LIFTING SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **MECANISME DE SOULEVEMENT D'AILE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2812461)
[87] (2812461)
[22] 2013-04-16
[30] US (13/604,859) 2012-09-06

---

[11] **2,812,710**
[13] C
[51] **Int.Cl. A62C 3/16 (2006.01) H02J 9/06 (2006.01)**
[25] EN
[54] **AUTOMATIC TRANSFER SWITCH WITH TRANSFER INHIBITOR**
[54] **COMMUTATEUR DE TRANSFERT AUTOMATIQUE DOTE D'UN INHIBITEUR DE TRANSFERT**
[72] LATHROP, TODD M., US
[73] EATON CORPORATION, US
[85] 2013-03-26
[86] 2011-10-18 (PCT/IB2011/002489)
[87] (WO2012/052822)
[30] US (12/906,306) 2010-10-18

---

[11] **2,813,413**
[13] C
[51] **Int.Cl. A61K 31/7088 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **DEFIBROTIDE FOR USE IN PROPHYLAXIS AND/OR TREATMENT OF GRAFT VERSUS HOST DISEASE (GVHD)**
[54] **DEFIBROTIDE POUR UNE UTILISATION DANS LA PROPHYLAXIE ET/OU LE TRAITEMENT DE LA MALADIE DU GREFFON CONTRE L'HOTE (MGCH)**
[72] IACOBELLI, MASSIMO, IT
[73] GENTIUM S.R.L., IT
[85] 2013-04-02
[86] 2010-11-12 (PCT/IT2010/000451)
[87] (WO2012/063272)

---

[11] **2,813,613**
[13] C
[51] **Int.Cl. C08F 10/00 (2006.01) C08F 2/44 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **METHOD OF PREPARATION OF NUCLEATED SEMI-CRYSTALLINE POLYMER**
[54] **PROCEDE DE PREPARATION D'UN POLYMERE SEMI-CRISTALLIN NUCLEE**
[72] SKOUMAL, MIROSLAV, CZ
[72] POSPISIL, LADISLAV, CZ
[72] ZBORILOVA, PETRA, CZ
[73] BASF SE, DE
[85] 2013-04-04
[86] 2010-12-27 (PCT/CZ2010/000134)
[87] (WO2012/045288)
[30] CZ (PV 2010-722) 2010-10-05

---

[11] **2,814,288**
[13] C
[51] **Int.Cl. F24F 11/77 (2018.01) F04D 27/00 (2006.01) H02K 1/27 (2006.01) H02K 7/14 (2006.01) H02P 21/00 (2016.01)**
[25] EN
[54] **BLOWER SYSTEM AND METHOD FOR CONTROLLING THE SAME**
[54] **SYSTEME DE VENTILATION ET SON PROCEDE DE COMMANDE**
[72] ZHANG, ZHENG, CN
[72] WANG, JIZHONG, CN
[72] PAN, MINGPAN, CN
[72] ZHAO, YONG, CN
[72] ZHOU, YIQIAO, CN
[72] BI, RONGHUA, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[86] (2814288)
[87] (2814288)
[22] 2013-04-26
[30] CN (201210179372.6) 2012-05-31

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[11] **2,814,610**
[13] C
[51] **Int.Cl. F16K 15/14 (2006.01) E02D 3/12 (2006.01) E04B 1/68 (2006.01)**
[25] EN
[54] **A NON-RETURN VALVE FOR A TUBULAR CONSOLIDATION ELEMENT**
[54] **CLAPET ANTI-RETOUR POUR UN ELEMENT TUBULAIRE DE CONSOLIDATION**
[72] BONOMI, CRISTIANO, IT
[73] ELAS GEOTECNICA S.R.L., IT
[85] 2013-04-12
[86] 2011-08-30 (PCT/IB2011/053795)
[87] (WO2012/069938)
[30] IT (BO2010A000699) 2010-11-22

[11] **2,815,772**
[13] C
[51] **Int.Cl. C10G 2/00 (2006.01) B01J 8/00 (2006.01) B01J 8/18 (2006.01) B01J 8/22 (2006.01)**
[25] EN
[54] **THE OPERATION OF PROCESSES WHICH EMPLOY A CATALYST THAT DEACTIVATES OVER TIME**
[54] **MISE EN □UVRE DE PROCEDES UTILISANT UN CATALYSEUR QUI SE DESACTIVE AVEC LE TEMPS**
[72] NEL, HERMAN GERHARDUS, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[85] 2013-04-24
[86] 2011-10-10 (PCT/IB2011/054450)
[87] (WO2012/056346)
[30] US (61/407,067) 2010-10-27
[30] ZA (2010/07687) 2010-10-27

[11] **2,816,314**
[13] C
[51] **Int.Cl. A61M 5/172 (2006.01) A61B 5/145 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **BLOOD GLUCOSE CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DE LA GLYCEMIE**
[72] EL-KHATIB, FIRAS, US
[72] DAMIANO, EDWARD, US
[72] RUSSELL, STEPHEN J., US
[73] TRUSTEES OF BOSTON UNIVERSITY, US
[73] THE GENERAL HOSPITAL CORPORATION, US
[85] 2013-04-26
[86] 2011-10-31 (PCT/US2011/058688)
[87] (WO2012/058694)
[30] US (61/408,639) 2010-10-31
[30] US (61/470,210) 2011-03-31

[11] **2,816,598**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/00 (2006.01) A61M 39/00 (2006.01)**
[25] EN
[54] **SPACER AND COMPONENTS THEREFOR**
[54] **DISPOSITIF D'ECARTEMENT ET COMPOSANTS ASSOCIES**
[72] EAGLE, ALLAN, AU
[73] MEDICAL DEVELOPMENTS INTERNATIONAL LIMITED, AU
[85] 2013-05-01
[86] 2011-02-24 (PCT/AU2011/000200)
[87] (WO2012/061866)
[30] AU (14848/2010) 2010-11-10

[11] **2,817,570**
[13] C
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 61/02 (2006.01) B01D 69/02 (2006.01) B01D 71/56 (2006.01)**
[25] EN
[54] **IMPROVED HYBRID TFC RO MEMBRANES WITH ADDITIVES**
[54] **MEMBRANES HYBRIDES AMELIOREES A FILM MINCE COMPOSITE A OSMOSE INVERSEE COMPORTANT DES ADDITIFS**
[72] KOEHLER, JEFFREY ALAN, US
[72] KURTH, CHRISTOPHER JAMES, US
[73] NANOH2O, INC., US
[85] 2013-05-09
[86] 2011-11-10 (PCT/US2011/060157)
[87] (WO2012/064939)
[30] US (61/412,184) 2010-11-10

[11] **2,818,069**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04W 4/12 (2009.01) H04W 68/00 (2009.01) H04L 12/58 (2006.01) H04M 3/42 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR PROVIDING NOTIFICATIONS**
[54] **METHODE, SYSTEME ET APPAREIL POUR FOURNIR DES AVIS**
[72] TALUKDAR, TANEEM AHMED, CA
[73] BLACKBERRY LIMITED, CA
[86] (2818069)
[87] (2818069)
[22] 2013-06-05
[30] EP (12170947.1) 2012-06-06

[11] **2,818,412**
[13] C
[51] **Int.Cl. E04C 2/52 (2006.01) B65D 59/06 (2006.01) E04B 1/00 (2006.01) E04B 1/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF BUILDING AN INSULATED CONCRETE FORM (ICF) RESIDENCE**
[54] **METHODE ET SYSTEME SERVANT A BATIR UNE RESIDENCE A PARTIR DE COFFRAGE EN BETON ISOLANT**
[72] STEPHENS, ROY, US
[73] SOLID GREEN SOLUTIONS, LLC, US
[85] 2013-05-16
[86] 2010-11-11 (PCT/US2010/056307)
[87] (WO2011/060118)
[30] US (12/618,900) 2009-11-16

[11] **2,819,105**
[13] C
[51] **Int.Cl. H02P 6/08 (2016.01) H02P 7/06 (2006.01)**
[25] EN
[54] **CONVERTING SUB-CIRCUIT BOARD OF INTERFACE SIGNALS OF ELECTRONICALLY COMMUTATED MOTOR**
[54] **CARTE DE SOUS-CIRCUITS DE CONVERSION DE SIGNAUX D'INTERFACE D'UN MOTEUR A COMMUTATION ELECTRONIQUE**
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURE CO., LTD., CN
[85] 2013-05-22
[86] 2011-04-20 (PCT/CN2011/073066)
[87] (WO2012/142755)

[11] **2,819,809**
[13] C
[51] **Int.Cl. B01J 8/00 (2006.01) B65G 69/04 (2006.01)**
[25] FR
[54] **DEVICE FOR FILLING A CONTAINER WITH SOLID PARTICLES COMPRISING A DIAPHRAGM**
[54] **DISPOSITIF DE REMPLISSAGE D'UN RECIPIENT AVEC DES PARTICULES SOLIDES COMPORTANT UN DIAPHRAGME**
[72] POUSSIN, BERNARD, FR
[72] POUSSIN, GUILLAUME, FR
[73] CREALYST, FR
[85] 2013-06-03
[86] 2010-12-09 (PCT/FR2010/052659)
[87] (WO2012/076761)

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[11] **2,820,408**
[13] C
[51] **Int.Cl. C07D 239/36 (2006.01) C07D 239/47 (2006.01) C07D 239/52 (2006.01) C07D 239/56 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 413/06 (2006.01) C07D 417/06 (2006.01)**
[25] EN
[54] **PYRIMIDINONE COMPOUNDS FOR USE IN THE TREATMENT OF DISEASES OR CONDITIONS MEDIATED BY LP-PLA2**
[54] **COMPOSES DE PYRIMIDINONE UTILES DANS LE TRAITEMENT DE MALADIES OU D'ETATS PATHOLOGIQUES INDUITS PAR LA LP-PLA2**
[72] JIN, YUN, CN
[72] WAN, ZEHONG, CN
[72] ZHANG, QIANG, CN
[73] GLAXO GROUP LIMITED, GB
[85] 2013-06-06
[86] 2011-12-05 (PCT/EP2011/071690)
[87] (WO2012/076435)
[30] CN (PCT/CN2010/079465) 2010-12-06

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[11] **2,820,941**
[13] C
[51] **Int.Cl. C12P 5/02 (2006.01) C12M 1/107 (2006.01) C12N 1/20 (2006.01) C12P 7/06 (2006.01) C12P 7/16 (2006.01) C12P 7/54 (2006.01)**
[25] EN
[54] **A FERMENTATION METHOD**
[54] **PROCEDE DE FERMENTATION**
[72] SCHULTZ, MICHAEL, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2013-06-07
[86] 2011-12-19 (PCT/US2011/065873)
[87] (WO2012/087949)
[30] US (61/424,893) 2010-12-20

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[11] **2,822,335**
[13] C
[51] **Int.Cl. H02P 6/08 (2016.01) G05B 19/042 (2006.01)**
[25] EN
[54] **MOTOR CONTROLLER FOR AUTOMATICALLY CONFIGURING PLURAL TYPES OF INTERFACES**
[54] **COMMANDE DE MOTEUR PERMETTANT DE CONFIGURER AUTOMATIQUEMENT PLUSIEURS TYPES D'INTERFACES**
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[85] 2013-06-19
[86] 2011-04-20 (PCT/CN2011/073077)
[87] (WO2012/142757)

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[11] **2,822,879**
[13] C
[51] **Int.Cl. C23F 11/04 (2006.01)**
[25] EN
[54] **MANNICH-BASE INHIBITOR FOR DECALCIFICATION, PREPARATION METHOD AND APPLICATION THEREOF**
[54] **INHIBITEUR DE DECALCIFICATION A BASE DE MANNICH, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] MA, LING, CN
[72] LI, LEI, CN
[72] ZHEN, XINPING, CN
[72] NIU, CHUNGE, CN
[72] MA, ZHONGTING, CN
[72] KONG, XIANGJUN, CN
[72] YU, SHUYAN, CN
[73] PETROCHINA COMPANY LIMITED, CN
[85] 2013-06-25
[86] 2012-04-27 (PCT/CN2012/000566)
[87] (WO2013/026251)
[30] CN (201110240108.4) 2011-08-19

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[11] **2,822,926**
[13] C
[51] **Int.Cl. A47F 5/08 (2006.01) A47F 7/00 (2006.01) A47G 29/02 (2006.01)**
[25] EN
[54] **BACK-LOADING PRODUCT DISPENSING HOOK**
[54] **CROCHET DISTRIBUTEUR DE PRODUITS A CHARGEMENT ARRIERE**
[72] WILDRICK, RICHARD J., US
[72] KOLOGE, JOSEPH F., US
[73] TRION INDUSTRIES, INC., US
[86] (2822926)
[87] (2822926)
[22] 2013-07-31
[30] US (61/683,484) 2012-08-15
[30] US (13/903,492) 2013-05-28

[11] **2,823,034**
[13] C
[51] **Int.Cl. E04B 9/00 (2006.01)**
[25] EN
[54] **ACOUSTIC BUILDING MATERIAL EMPLOYING CHITOSAN**
[54] **MATERIAU DE CONSTRUCTION ACOUSTIQUE COMPRENANT DU CHITOSANE**
[72] ALBARRAN, ENRIQUE L., US
[73] USG INTERIORS, INC., US
[85] 2013-06-25
[86] 2011-12-09 (PCT/US2011/064148)
[87] (WO2012/091883)
[30] US (61/427,643) 2010-12-28
[30] US (13/294,200) 2011-11-11

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[11] **2,823,262**
[13] C
[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GENERATING FILTER COEFFICIENTS AND CONFIGURING FILTERS**
[54] **PROCEDES ET SYSTEMES DE GENERATION DE COEFFICIENTS DE FILTRE ET CONFIGURATION DE FILTRES**
[72] DAVIS, MARK F., US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2013-06-27
[86] 2012-02-08 (PCT/US2012/024270)
[87] (WO2012/112357)
[30] US (61/443,360) 2011-02-16

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[11] **2,823,450**
[13] C
[51] **Int.Cl. H04W 80/02 (2009.01) H04W 28/12 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **TD LTE SECONDARY COMPONENT CARRIER IN UNLICENSED BANDS**
[54] **PORTEUSE COMPOSANTE SECONDAIRE TD-LTE DANS DES BANDES SANS LICENCE**
[72] BONTU, CHANDRA SEKHAR, CA
[72] PERIYALWAR, SHALINI SURESH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2823450)
[87] (2823450)
[22] 2013-08-07
[30] US (13/572,092) 2012-08-10

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[11] **2,823,640**
[13] C
[51] **Int.Cl. E06B 7/16 (2006.01)**
[25] EN
[54] **AIR AND DEBRIS DAM FOR MOVING COIL BALANCE ASSEMBLY**
[54] **BARRAGE D'AIR ET DE DEBRIS POUR ENSEMBLE D'EQUILIBRAGE DE CADRE MOBILE**
[72] SOFIANEK, JAY, US
[72] KELLUM, WILBUR JAMES, III, US
[72] KESSLER, JOHN, US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[86] (2823640)
[87] (2823640)
[22] 2013-08-09
[30] US (61/681,863) 2012-08-10

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[11] **2,823,813**
[13] C
[51] **Int.Cl. D06F 58/28 (2006.01)**
[25] EN
[54] **METHOD FOR DRYING A WET SUBSTRATE USING PERFORATED DRUM AND PARTICULATE MATERIAL**
[54] **METHODE DE SECHAGE D'UN SUBSTRAT HUMIDE AU MOYEN D'UN TAMBOUR PERFORE ET DE MATERIAU PARTICULAIRE**
[72] JENKINS, STEPHEN DEREK, GB
[72] KENNEDY, FRAZER JOHN, GB
[72] BURKINSHAW, STEPHEN MARTIN, GB
[73] XEROS LIMITED, GB
[85] 2013-07-04
[86] 2012-01-19 (PCT/GB2012/050121)
[87] (WO2012/098408)
[30] GB (1100918.0) 2011-01-19

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[11] **2,824,140**
[13] C
[51] **Int.Cl. H04S 7/00 (2006.01) H04H 60/04 (2009.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR CONTROLLABLE SOUND REGIONS IN A MEDIA ROOM**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR DES REGIONS SONORES REGLABLES DANS UNE SALLE MULTIMEDIA**
[72] WHITLEY, SAMUEL, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-07-08
[86] 2012-01-13 (PCT/US2012/021177)
[87] (WO2012/097210)
[30] US (13/007,410) 2011-01-14

---

[11] **2,824,381**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING COMPLEX QUERIES**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'INTERROGATIONS COMPLEXES**
[72] PAUCHET, DAVID, FR
[72] JANIN, BENOIT, FR
[72] DANIELLO, RUDY, FR
[72] DUFRESNE, THIERRY, FR
[72] PATOUREAUX, MARC, FR
[73] AMADEUS S.A.S., FR
[85] 2013-07-10
[86] 2012-03-15 (PCT/EP2012/054520)
[87] (WO2012/123523)
[30] EP (11305300.3) 2011-03-17
[30] US (13/065,619) 2011-03-24

[11] **2,826,887**
[13] C
[51] **Int.Cl. G01N 27/26 (2006.01) A61B 5/1468 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING AN ELECTROCHEMICAL ANALYTE SENSOR**
[54] **SYSTEME ET PROCEDE POUR ACTIONNER UN DETECTEUR D'ANALYTE ELECTROCHIMIQUE**
[72] BUCK, HARVEY B., JR., US
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2826887)
[87] (2826887)
[22] 2008-02-29
[62] 2,679,188
[30] US (11/680,963) 2007-03-01

[11] **2,827,802**
[13] C
[51] **Int.Cl. D04B 21/10 (2006.01) D04B 27/06 (2006.01)**
[25] EN
[54] **DEVICE FOR ELONGATING STITCHES, ELONGATING DEVICE FOR PRODUCING A NET WITH ELONGATED STITCHES, METHOD FOR PRODUCING A NET WITH ELONGATED STITCHES AND A NET WITH ELONGATED STITCHES**
[54] **DISPOSITIF D'ALLONGEMENT DE COUTURES, DISPOSITIF D'ALLONGEMENT POUR PRODUIRE UN FILET AVEC DES COUTURES ALLONGEES, PROCEDE DE FABRICATION D'UN FILET AVEC DES COUTURES ALLONGEES ET FILET AVEC DES COUTURES ALLONGEES**
[72] KARATZIS, ANTONIOS, GR
[73] KARATZIS S.A., GR
[85] 2013-08-20
[86] 2011-12-01 (PCT/EP2011/006032)
[87] (WO2012/119624)
[30] GR (20110100151) 2011-03-10

[11] **2,830,134**
[13] C
[51] **Int.Cl. C07D 319/06 (2006.01) C07C 67/32 (2006.01) C07C 69/716 (2006.01)**
[25] EN
[54] **PREPARATION OF 3,5-DIOXO HEXANOATE ESTER IN TWO STEPS**
[54] **PREPARATION D'ESTER DE 3,5-DIOXO-HEXANOATE EN DEUX ETAPES**
[72] NOTI, CHRISTIAN, CH
[72] HU, GUIXIAN, CH
[72] JACKSON, BARRY, CH
[73] LONZA LTD, CH
[85] 2013-09-13
[86] 2012-03-29 (PCT/EP2012/055581)
[87] (WO2012/130919)
[30] EP (11002723.2) 2011-04-01
[30] US (61/470,548) 2011-04-01
[30] US (61/472,820) 2011-04-07
[30] EP (11002922.0) 2011-04-07
[30] US (61/526,307) 2011-08-23
[30] EP (11006872.3) 2011-08-23
[30] US (61/526,321) 2011-08-23
[30] EP (11006862.4) 2011-08-23
[30] EP (11007605.6) 2011-09-19
[30] EP (11007606.4) 2011-09-19
[30] EP (12150867.5) 2012-01-12
[30] EP (12150868.3) 2012-01-12

[11] **2,831,913**
[13] C
[51] **Int.Cl. C09K 8/12 (2006.01)**
[25] EN
[54] **HIGH-PRESSURE/HIGH TEMPERATURE SOLIDS-FREE FLUID SYSTEM FOR DRILLING, COMPLETING AND REPAIRING OIL AND GAS WELLS**
[54] **SYSTEME DE FLUIDE HAUTE PRESSION, HAUTE TEMPERATURE EXEMPT DE SOLIDES POUR LE FORAGE, L'ACHEVEMENT ET LA REPARATION DE PUITS DE PETROLE ET DE GAZ**
[72] REYES BAUTISTA, MARTIN, MX
[72] TELLEZ REYES, NOE, MX
[73] PROTEXA S.A. DE C.V., MX
[85] 2013-09-30
[86] 2011-04-28 (PCT/IB2011/000919)
[87] (WO2012/131417)
[30] MX (MX/a/2011/003494) 2011-03-31

[11] **2,832,381**
[13] C
[51] **Int.Cl. G01C 1/00 (2006.01) E21B 47/07 (2012.01) E21B 47/024 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING ORIENTATION USING A PLURALITY OF ANGULAR RATE SENSORS AND ACCELEROMETERS**
[54] **PROCEDE ET APPAREIL DE DETERMINATION D'ORIENTATION UTILISANT UNE PLURALITE DE CAPTEURS DE VITESSE ANGULAIRE ET D'ACCELEROMETRES**
[72] BLAKE, ERIK, CA
[73] ICEFIELD TOOLS CORPORATION, CA
[85] 2013-10-04
[86] 2012-04-10 (PCT/CA2012/050225)
[87] (WO2012/135963)
[30] US (61/473,035) 2011-04-07

[11] **2,832,648**
[13] C
[51] **Int.Cl. D21C 3/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EFFICIENT PRODUCTION OF DISSOLVING PULP IN A KRAFT MILL PRODUCING PAPER GRADE PULP WITH A CONTINUOUS TYPE DIGESTER**
[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION EFFICACE DE PATE POUR DISSOLUTION DANS UNE FABRIQUE DE PATE KRAFT PRODUISANT DE LA PATE DE QUALITE PAPIER AVEC UN LESSIVEUR DE TYPE CONTINU**
[72] VAN LEE, RICHARD CONSTANTINE, ID
[72] DEVANESAN, ALAGARATNAM JOSEPH, SG
[73] RGE PTE LTD., SG
[85] 2013-10-04
[86] 2012-04-09 (PCT/IB2012/000892)
[87] (WO2012/137076)
[30] US (61/473,712) 2011-04-08

[11] **2,833,140**
[13] C
[51] **Int.Cl. B07C 1/12 (2006.01) B07C 3/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPENING AND SORTING ENVELOPES**
[54] **APPAREIL ET PROCEDE D'OUVERTURE ET DE TRI D'ENVELOPPES**
[72] DEWITT, ROBERT, US
[72] HELMLINGER, DAVID, US
[73] OPEX CORPORATION, US
[85] 2013-10-11
[86] 2012-04-13 (PCT/US2012/033574)
[87] (WO2012/142449)
[30] US (61/475,118) 2011-04-13

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[11] **2,833,669**
[13] C
[51] **Int.Cl. G01N 27/327 (2006.01) A61B 5/1486 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL SENSORS WITH CARRIER FIELD**
[54] **CAPTEURS ELECTROCHIMIQUES AYANT UN CHAMP DE SUPPORT**
[72] CHAMBERS, GARRY, AU
[72] HODGES, ALASTAIR M., AU
[72] CHATELIER, RONALD C., AU
[73] CILAG GMBH INTERNATIONAL, CH
[85] 2013-10-18
[86] 2012-04-19 (PCT/IB2012/000930)
[87] (WO2012/143795)
[30] US (13/090,620) 2011-04-20

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[11] **2,835,489**
[13] C
[51] **Int.Cl. A61K 31/7008 (2006.01) A61P 31/16 (2006.01) C07F 9/655 (2006.01) G01N 33/569 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **ZANAMIVIR PHOSPHONATE CONGENERS WITH ANTI-INFLUENZA ACTIVITY AND DETERMINING OSELTAMIVIR SUSCEPTIBILITY OF INFLUENZA VIRUSES**
[54] **CONGENERES DE PHOSPHONATE DE ZANAMIVIR AYANT UNE ACTIVITE ANTIGRIPPALE ET DETERMINATION DE LA SENSIBILITE A L'OSELTAMIVIR D'INFLUENZAVIRUS**
[72] WONG, CHI-HUEY, US
[72] FANG, JIM-MIN, TW
[72] CHENG, YIH-SHYUN, TW
[72] SHIE, JIUN-JIE, TW
[73] ACADEMIA SINICA, TW
[85] 2013-11-08
[86] 2011-05-10 (PCT/US2011/035982)
[87] (WO2011/143262)
[30] US (61/333,137) 2010-05-10

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[11] **2,836,935**
[13] C
[51] **Int.Cl. G02F 1/03 (2006.01) H01S 3/098 (2006.01)**
[25] EN
[54] **PARAMETRIC REGENERATIVE OSCILLATORS BASED ON OPTO-ELECTRONIC FEEDBACK AND OPTICAL REGENERATION VIA NONLINEAR OPTICAL MIXING IN WHISPERING GALLERY MODE OPTICAL RESONATORS**
[54] **OSCILLATEURS REGENERATIFS PARAMETRIQUES BASES SUR UNE RETROACTION OPTO-ELECTRONIQUE ET UNE REGENERATION OPTIQUE PAR L'INTERMEDIAIRE D'UN MELANGE OPTIQUE NON LINEAIRE DANS DES RESONATEURS OPTIQUES EN MODE GALERIE DES CHUCHOTEMENTS**
[72] MATSKO, ANDREY B., US
[72] MALEKI, LUTE, US
[73] OEWAVES, INC., US
[85] 2013-11-20
[86] 2012-06-25 (PCT/US2012/044078)
[87] (WO2012/178200)
[30] US (61/500,542) 2011-06-23

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[11] **2,837,182**
[13] C
[51] **Int.Cl. H01B 11/06 (2006.01) H01B 7/17 (2006.01) H01B 9/02 (2006.01)**
[25] EN
[54] **CABLE JACKET WITH EMBEDDED SHIELD AND METHOD FOR MAKING THE SAME**
[54] **CHEMISE DE CABLE COMPRENANT UN BLINDAGE INCORPORE ET PROCEDE POUR SA REALISATION**
[72] CAMP, DAVID P., II, US
[72] KENNY, ROBERT D., US
[72] FAUSZ, DAVID M., US
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2013-11-22
[86] 2012-05-08 (PCT/US2012/036950)
[87] (WO2012/170138)
[30] US (13/157,492) 2011-06-10

---

[11] **2,840,427**
[13] C
[51] **Int.Cl. H04N 7/24 (2011.01)**
[25] EN
[54] **REDUCING LATENCY IN VIDEO ENCODING AND DECODING**
[54] **REDUCTION DE LA LATENCE DANS CODAGE ET DECODAGE VIDEO**
[72] SULLIVAN, GARY J., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-12-24
[86] 2011-10-11 (PCT/US2011/055835)
[87] (WO2013/002818)
[30] US (61/571,553) 2011-06-30
[30] US (13/270,969) 2011-10-11

[11] **2,841,776**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DATA INTEGRITY FOR PROXIMITY-BASED COMMUNICATION**
[54] **INTEGRITE DES DONNEES POUR DES COMMUNICATIONS BASEES SUR LA PROXIMITE**
[72] LAZARIDIS, MIHAL, CA
[72] PECEN, MARK E., CA
[72] VANSTONE, SCOTT ALEXANDER, CA
[72] CAMPAGNA, MATTHEW JOHN, US
[72] ROSATI, ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
[73] CERTICOM CORP., CA
[85] 2014-01-03
[86] 2011-07-11 (PCT/US2011/043518)
[87] (WO2013/009284)

[11] **2,842,834**
[13] C
[51] **Int.Cl. A61B 5/103 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **A HERMETICALLY SEALED PROSTHETIC COMPONENT AND METHOD THEREFOR**
[54] **COMPOSANT DE PROTHESE HERMETIQUE ET PROCEDE ASSOCIE**
[72] STEIN, MARC, US
[72] CHASE, ANDREW U., US
[73] ORTHOSENSOR, INC., US
[85] 2014-01-22
[86] 2012-09-21 (PCT/US2012/056743)
[87] (WO2013/044160)
[30] US (13/242,277) 2011-09-23
[30] US (13/242,662) 2011-09-23
[30] US (13/406,484) 2012-02-27
[30] US (13/406,488) 2012-02-27
[30] US (13/406,494) 2012-02-27
[30] US (13/406,500) 2012-02-27
[30] US (13/406,510) 2012-02-27
[30] US (13/406,512) 2012-02-27
[30] US (13/406,515) 2012-02-27

[11] **2,842,927**
[13] C
[51] **Int.Cl. G01V 1/42 (2006.01) E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **CROSSWELL SEISMIC SURVEYING IN A DEVIATED BOREHOLE**
[54] **SURVEILLANCE SISMIQUE EN PUITS CROISES DANS UN TROU DE FORAGE DEVIE**
[72] LEVIN, STEWART ARTHUR, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-01-23
[86] 2011-09-09 (PCT/US2011/050985)
[87] (WO2013/036241)

[11] **2,843,044**
[13] C
[51] **Int.Cl. C11C 3/00 (2006.01) A23D 9/00 (2006.01) A61K 31/202 (2006.01) A61P 3/02 (2006.01) C11B 3/12 (2006.01) C11C 3/10 (2006.01) C11D 3/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR DECREASING THE AMOUNT OF CHOLESTEROL IN A MARINE OIL USING A VOLATILE WORKING FLUID**
[54] **PROCEDE DE DIMINUTION DE LA QUANTITE DE CHOLESTEROL DANS UNE HUILE MARINE AU MOYEN D'UN FLUIDE CALOPORTEUR VOLATILE**
[72] THORSTAD, OLAV, NO
[72] SONDBO, SVERRE, NO
[73] PRONOVA BIOPHARMA NORGE AS, NO
[86] (2843044)
[87] (2843044)
[22] 2003-07-11
[62] 2,492,720
[30] SE (0202188-9) 2002-07-11
[30] IB (PCT/IB03/02827) 2003-07-08

[11] **2,843,654**
[13] C
[51] **Int.Cl. G02F 2/02 (2006.01) B32B 33/00 (2006.01) C09K 11/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC RADIATION SHIELDING ASSEMBLY**
[54] **ENSEMBLE DE PROTECTION CONTRE LE RAYONNEMENT ELECTROMAGNETIQUE**
[72] SCHOLES, DALLAS S., US
[72] OMAN, ERIC P., US
[72] HABEDANK, JASON D., US
[72] MEYER, DAVID J., US
[73] THE BOEING COMPANY, US
[86] (2843654)
[87] (2843654)
[22] 2014-02-24
[30] US (13/861,290) 2013-04-11

[11] **2,844,130**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **FILTERING SOCIAL SEARCH RESULTS**
[54] **FILTRAGE DE RESULTATS DE RECHERCHE SOCIALE**
[72] KULICK, MATTHEW E., US
[72] BURSEY, ADAM D., US
[72] HEYMANS, MAUREEN, US
[73] GOOGLE LLC, US
[85] 2014-02-03
[86] 2012-08-01 (PCT/US2012/049194)
[87] (WO2013/022674)
[30] US (13/204,155) 2011-08-05

[11] **2,844,157**
[13] C
[51] **Int.Cl. G01F 11/28 (2006.01) A47F 1/03 (2006.01) A47L 15/44 (2006.01) B65D 83/06 (2006.01) G01F 11/46 (2006.01)**
[25] EN
[54] **METERING AND DISPENSING CLOSURE**
[54] **DISPOSITIF D'OBTURATION A FONCTION DE MESURE ET DE DISTRIBUTION**
[72] WEBB, CHRISTOPHER J. (DECEASED), GB
[72] WEBSTER, TYSON L., US
[72] DEEDS, M. RINLEY, US
[72] LIVINGSTON, JAMES W., US
[72] SWAIN, ANDY, GB
[72] HOLDEN, DAVID, GB
[72] BIRD, KENNETH J., GB
[73] DIVERSEY, INC., US
[86] (2844157)
[87] (2844157)
[22] 2006-04-14
[62] 2,649,318

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[11] **2,845,213**
[13] C
[51] **Int.Cl. F16K 11/02 (2006.01) E03C 1/04 (2006.01) F16K 27/00 (2006.01) F16L 47/26 (2006.01)**
[25] EN
[54] **FAUCET INCLUDING A MOLDED WATERWAY ASSEMBLY**
[54] **ROBINET COMPRENANT UN ENSEMBLE VOIE D'EAU MOULE**
[72] DEVRIES, ADAM M., US
[72] MCGUIRE, CHRISTOPHER MICHAEL, US
[72] THOMAS, KURT JUDSON, US
[73] DELTA FAUCET COMPANY, US
[86] (2845213)
[87] (2845213)
[22] 2014-03-07
[30] US (13/828,598) 2013-03-14

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[11] **2,845,284**
[13] C
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/435 (2006.01) A61K 31/4709 (2006.01) A61P 3/06 (2006.01) C07D 401/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **SUBSTITUTED HETEROCYCLIC AMINE COMPOUNDS AS CHOLESTERYL ESTER-TRANSFER PROTEIN (CETP) INHIBITORS**
[54] **COMPOSES AMINES HETEROCYCLIQUES SUBSTITUES COMME INHIBITEURS DE LA PROTEINE DE TRANSFERT D'ESTER CHOLESTERYLIQUE (CETP)**
[72] BORUAH, ANIMA, IN
[72] ALIKUNJU, SHANAVAS, IN
[73] DR. REDDY'S LABORATORIES LTD., IN
[85] 2014-02-13
[86] 2012-08-17 (PCT/IB2012/002056)
[87] (WO2013/024358)
[30] IN (2829/CHE/2011) 2011-08-18
[30] US (61/557,065) 2011-11-08

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[11] **2,846,045**
[13] C
[51] **Int.Cl. C09K 8/26 (2006.01) E21B 43/04 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING FLUIDS AND METHODS OF MAKING AND USING SAME**
[54] **FLUIDES DE SERVICE POUR PUITS DE FORAGE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] VAN ZANTEN, RYAN, US
[72] TANCHE-LARSEN, PER-BJARTE, NO
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-02-20
[86] 2012-08-06 (PCT/US2012/049734)
[87] (WO2013/028343)
[30] US (13/218,258) 2011-08-25

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[11] **2,847,739**
[13] C
[51] **Int.Cl. G01L 7/08 (2006.01) G01L 9/02 (2006.01) G08B 17/04 (2006.01) G08B 19/00 (2006.01)**
[25] EN
[54] **PNEUMATIC PRESSURE SWITCH**
[54] **COMMUTATEUR MANOMETRIQUE PNEUMATIQUE**
[72] SMITH, PAUL D., GB
[72] RENNIE, PAUL, GB
[73] KIDDE TECHNOLOGIES, INC., US
[86] (2847739)
[87] (2847739)
[22] 2014-03-27
[30] GB (1307797.9) 2013-04-30

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[11] **2,847,841**
[13] C
[51] **Int.Cl. G06F 12/16 (2006.01)**
[25] EN
[54] **NONVOLATILE MEDIA DIRTY REGION TRACKING**
[54] **SUIVI DE REGION SALE DE SUPPORT NON VOLATIL**
[72] PALEOLOGU, EMANUEL, US
[72] MEHRA, KARAN, US
[72] MOSS, DARREN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2014-03-05
[86] 2011-10-10 (PCT/US2011/055590)
[87] (WO2013/039522)
[30] US (13/229,871) 2011-09-12

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[11] **2,848,144**
[13] C
[51] **Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6869 (2018.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MOLECULAR DETECTION ASSAY**
[54] **ESSAI DE DETECTION MOLECULAIRE**
[72] MILLAR, DOUGLAS SPENCER, AU
[73] HUMAN GENETIC SIGNATURES PTY LTD, AU
[85] 2014-03-07
[86] 2011-09-07 (PCT/AU2011/001156)
[87] (WO2013/033749)

[11] **2,848,426**
[13] C
[51] **Int.Cl. A62C 37/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A PRESSURE SENSOR**
[54] **PROCEDE DE FABRICATION D'UN CAPTEUR DE PRESSION**
[72] SMITH, PAUL D., GB
[72] RENNIE, PAUL, GB
[73] KIDDE TECHNOLOGIES, INC., US
[86] (2848426)
[87] (2848426)
[22] 2014-04-04
[30] GB (1307802.7) 2013-04-30

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[11] **2,849,003**
[13] C
[51] **Int.Cl. B03B 9/02 (2006.01) C10G 1/00 (2006.01)**
[25] EN
[54] **CASCADING PROCESSOR**
[54] **MACHINE DE TRAITEMENT EN CASCADE**
[72] MILLAR, MACKENZIE, CA
[72] LOURENCO, JOSE, CA
[73] 1304338 ALBERTA LTD., CA
[73] 1304342 ALBERTA LTD., CA
[85] 2014-03-18
[86] 2011-10-04 (PCT/CA2011/050626)
[87] (WO2013/049911)

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[11] **2,849,310**
[13] C
[51] **Int.Cl. E21B 49/00 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **APPARATUS, COMPUTER READABLE MEDIUM, AND PROGRAM CODE FOR EVALUATING ROCK PROPERTIES WHILE DRILLING USING DOWNHOLE ACOUSTIC SENSORS AND A DOWNHOLE BROADBAND TRANSMITTING SYSTEM**
[54] **APPAREIL, SUPPORT LISIBLE PAR ORDINATEUR, ET CODE PROGRAMME POUR EVALUER LES PROPRIETES D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES DE FOND DE TROU ET D'UN SYSTEME DE TRANSMISSION A LARGE BANDE DE FOND DE TROU**
[72] YANG, YUNLAI, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-19
[86] 2012-09-26 (PCT/US2012/057244)
[87] (WO2013/049140)
[30] US (61/539,171) 2011-09-26
[30] US (61/539,165) 2011-09-26
[30] US (61/539,242) 2011-09-26
[30] US (13/554,019) 2012-07-20
[30] US (13/554,077) 2012-07-20
[30] US (13/554,369) 2012-07-20

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[11] **2,849,499**
[13] C
[51] **Int.Cl. H04N 19/58 (2014.01) H04N 19/105 (2014.01) H04N 19/159 (2014.01) H04N 19/172 (2014.01) H04N 19/174 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **CODING REFERENCE PICTURES FOR A REFERENCE PICTURE SET**
[54] **CODAGE D'IMAGES DE REFERENCE POUR UN ENSEMBLE D'IMAGES DE REFERENCE**
[72] WANG, YE-KUI, US
[72] CHEN, YING, US
[73] VELOS MEDIA INTERNATIONAL LIMITED, IE
[85] 2014-03-20
[86] 2012-09-20 (PCT/US2012/056394)
[87] (WO2013/043907)
[30] US (61/538,787) 2011-09-23
[30] US (61/539,433) 2011-09-26
[30] US (61/542,034) 2011-09-30
[30] US (13/622,928) 2012-09-19

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[11] **2,849,628**
[13] C
[51] **Int.Cl. E04C 5/16 (2006.01) E04G 21/12 (2006.01)**
[25] EN
[54] **DUCTILE CHORD CONNECTORS FOR USE IN CONNECTING RODS IN STRUCTURES**
[54] **CONNECTEURS DE MEMBRURES DUCTILES UTILISES DANS DES TIGES DE BETON DE STRUCTURES**
[72] NAITO, CLAY, US
[73] LEHIGH UNIVERSITY, US
[85] 2014-03-21
[86] 2012-04-18 (PCT/US2012/034078)
[87] (WO2013/043233)
[30] US (61/537,216) 2011-09-21

[11] **2,849,788**
[13] C
[51] **Int.Cl. A47J 41/00 (2006.01)**
[25] EN
[54] **DOUBLE-WALLED LIQUID CONTAINER**
[54] **CONTENANT DE LIQUIDE A DOUBLE PAROI**
[72] BODUM, JORGEN, CH
[73] PI-DESIGN AG, CH
[85] 2014-03-24
[86] 2011-11-16 (PCT/CH2011/000274)
[87] (WO2012/016344)
[30] CH (1623/11) 2011-10-04

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[11] **2,850,454**
[13] C
[51] **Int.Cl. B60L 11/18 (2006.01) H02J 3/32 (2006.01) H02J 7/00 (2006.01) H02J 9/06 (2006.01)**
[25] EN
[54] **POWER SUPPLY SYSTEM, VEHICLE EQUIPPED WITH THE SAME, AND CONTROL METHOD FOR POWER SUPPLY SYSTEM**
[54] **SYSTEME DE BLOC D'ALIMENTATION ET VEHICULE EQUIPE DE CELUI-CI, ET PROCEDE DE CONTROLE D'UN SYSTEME DE BLOC D'ALIMENTATION**
[72] SUGIYAMA, YOSHINOBU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2014-03-28
[86] 2011-11-04 (PCT/JP2011/075420)
[87] (WO2013/065169)

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[11] **2,852,025**
[13] C
[51] **Int.Cl. H01B 1/24 (2006.01) A61B 5/0408 (2006.01) H01B 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING OVERCHARGE PROTECTION IN CAPACITIVE COUPLED BIOMEDICAL ELECTRODES**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UNE PROTECTION CONTRE LES SURCHARGES DANS ELECTRODES BIOMEDICALES A COUPLAGE CAPACITIF**
[72] BURNHAM, KENNETH, US
[72] SKOV, RICHARD, US
[72] TOMAS, STEPHEN, US
[73] FLEXCON COMPANY, INC., US
[85] 2014-04-11
[86] 2012-10-11 (PCT/US2012/059654)
[87] (WO2013/055857)
[30] US (13/272,545) 2011-10-13

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[11] **2,853,223**
[13] C
[51] **Int.Cl. C21B 13/00 (2006.01) C21B 3/02 (2006.01)**
[25] EN
[54] **PRODUCING PIG IRON FROM IRON-CONTAINING FEED MATERIALS**
[54] **PRODUCTION DE FONTE EN GUEUSE A PARTIR DE MATERIAUX DE BASE CONTENANT DU FER**
[72] HOFFMAN, GLENN E., US
[73] HOFFMAN & SONS TECHNOLOGIES, LLC, US
[85] 2014-04-22
[86] 2013-08-22 (PCT/US2013/056079)
[87] (WO2014/031802)
[30] US (61/692,014) 2012-08-22
[30] US (61/718,510) 2012-10-25
[30] US (61/749,215) 2013-01-04

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[11] **2,853,762**
[13] C
[51] **Int.Cl. B60Q 1/00 (2006.01) A01D 34/00 (2006.01)**
[25] EN
[54] **INDICATOR SYSTEM FOR OUTDOOR POWER EQUIPMENT**
[54] **SYSTEME D'INDICATEUR POUR EQUIPEMENT MOTORISE D'EXTERIEUR**
[72] DWYER, SEAN, US
[73] HUSQVARNA AB, SE
[85] 2014-04-28
[86] 2011-10-28 (PCT/US2011/058243)
[87] (WO2013/062569)

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[11] **2,854,916**
[13] C
[51] **Int.Cl. G07F 9/10 (2006.01) F25D 17/04 (2006.01) F25D 17/06 (2006.01)**
[25] EN
[54] **AUTOMATIC VENDING MACHINE**
[54] **DISTRIBUTEUR AUTOMATIQUE**
[72] YAMAGAMI, YUUHEI, JP
[72] SUGIMOTO, KOJI, JP
[72] YAMAZAKI, YASUHIRO, JP
[73] THE COCA-COLA COMPANY, US
[85] 2014-05-07
[86] 2012-09-28 (PCT/JP2012/075114)
[87] (WO2013/073296)
[30] JP (2011-248931) 2011-11-14

---

[11] **2,854,974**
[13] C
[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR LINEAR FRICTION WELDING**
[54] **APPAREIL POUR SOUDAGE PAR FRICTION LINEAIRE**
[72] JOHNSON, STEPHEN A., US
[73] APCI, LLC, US
[85] 2014-05-07
[86] 2012-12-05 (PCT/US2012/067886)
[87] (WO2013/085962)
[30] US (61/630,128) 2011-12-05

[11] **2,854,975**
[13] C
[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR LINEAR FRICTION WELDING**
[54] **APPAREIL DE SOUDAGE PAR FRICTION LINEAIRE**
[72] JOHNSON, STEPHEN, A., US
[73] APCI, LLC, US
[85] 2014-05-07
[86] 2012-12-05 (PCT/US2012/067940)
[87] (WO2013/085990)
[30] US (61/630,124) 2011-12-05

---

[11] **2,856,400**
[13] C
[51] **Int.Cl. A61M 1/10 (2006.01)**
[25] EN
[54] **USE OF A COUNTERPULSATION DEVICE AND COUNTERPULSATION**
[54] **UTILISATION D'UN DISPOSITIF DE CONTREPULSATION ET CONTREPULSATION**
[72] SPENCE, PAUL, US
[72] DOWLING, ROB, US
[72] KUNG, BOB, US
[72] HASTIE, CAITLYN, US
[72] SIESS, THORSTEN, DE
[72] GRATZ, ERIC, US
[72] SPANIER, GERD, DE
[73] ABIOMED, INC., US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066367)
[87] (WO2013/078390)
[30] US (61/563,238) 2011-11-23

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[11] **2,856,529**
[13] C
[51] **Int.Cl. A61K 31/7072 (2006.01) A61J 3/10 (2006.01) A61K 9/20 (2006.01) A61K 31/7056 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING HEPATITIS C VIRUS**
[54] **COMPOSITIONS ET METHODES POUR TRAITER LE VIRUS DE L'HEPATITE C**
[72] CLEARY, DARRYL G., US
[72] REYNOLDS, CHARLES J., US
[72] BERREY, MIRIAM MICHELLE, US
[72] HINDES, ROBERT G., US
[72] SYMONDS, WILLIAM T., US
[72] RAY, ADRIAN S., US
[72] MO, HONGMEI, US
[72] HEBNER, CHRISTY M., US
[72] OLIYAI, REZA, US
[72] ZIA, VAHID, US
[72] STEFANIDIS, DIMITRIOS, US
[72] PAKDAMAN, ROWCHANAK, US
[72] CASTEEL, MELISSA JEAN, US
[73] GILEAD PHARMASSET LLC, US
[85] 2014-05-21
[86] 2012-11-27 (PCT/US2012/066605)
[87] (WO2013/082003)
[30] US (61/564,500) 2011-11-29
[30] US (PCT/US2012/055621) 2012-09-14
[30] US (61/707,459) 2012-09-28
[30] US (13/661,509) 2012-10-26

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[11] **2,857,364**
[13] C
[51] **Int.Cl. C01G 37/00 (2006.01) C22B 3/44 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING CHROMIUM**
[54] **PROCEDE POUR LA REDUCTION DE CHROME**
[72] GHERROU, ABDELAZIZ, CA
[72] RIVIERE, JOHN, CA
[73] METAFIX INC., CA
[85] 2014-05-29
[86] 2012-12-03 (PCT/CA2012/001113)
[87] (WO2013/078553)
[30] US (61/565,769) 2011-12-01

---

[11] **2,858,188**
[13] C
[51] **Int.Cl. B05C 13/02 (2006.01) C23C 14/56 (2006.01)**
[25] EN
[54] **MULTIFUNCTION TOOLING FIXTURE ASSEMBLY FOR USE IN A COATING RELATED OPERATIONS**
[54] **ENSEMBLE MONTURE D'OUTILLAGE MULTIFONCTION DESTINE A ETRE UTILISE DANS DES OPERATIONS ASSOCIEES A UN REVETEMENT**
[72] FEUERSTEIN, ALBERT, US
[72] WESTFALL, ANDREW THOMAS, US
[72] LEWIS, THOMAS F., III., US
[72] MCPHERSON, DAVID A., US
[72] KLEYMAN, ARDY, US
[72] LEMEN, DON, US
[73] PRAXAIR S.T. TECHNOLOGY, INC., US
[85] 2014-06-04
[86] 2012-12-07 (PCT/US2012/068472)
[87] (WO2013/086339)
[30] US (61/568,361) 2011-12-08

---

[11] **2,859,319**
[13] C
[51] **Int.Cl. C10G 3/00 (2006.01)**
[25] EN
[54] **BIOMASS CONVERSION SYSTEMS HAVING A FLUID CIRCULATION LOOP CONTAINING A CENTRIPETAL FORCE-BASED SEPARATION MECHANISM FOR CONTROL OF CELLULOSIC FINES AND METHODS FOR USE THEREOF**
[54] **SYSTEMES DE CONVERSION DE BIOMASSE COMPORTANT UNE BOUCLE DE CIRCULATION DE FLUIDE RENFERMANT UN MECANISME DE SEPARATION FONDE SUR LA FORCE CENTRIPETE EN VUE DU CONTROLE DES RESIDUS CELLULOSIQUES ET METHODES D'UTILISATION ASSOCCIEES**
[72] POWELL, JOSEPH BROUN, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2014-06-13
[86] 2011-12-20 (PCT/US2011/066209)
[87] (WO2013/089797)
[30] US (61/576,717) 2011-12-16

[11] **2,860,308**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 24/08 (2009.01) H04W 72/08 (2009.01)**
[25] EN
[54] **INTERFERENCE MITIGATION BY TRANSMITTING ON A SECOND, LOWER, POWER LEVEL**
[54] **ATTENUATION D'INTERFERENCE PAR LA TRANSMISSION SUR UN SECOND NIVEAU INFERIEUR DE PUISSANCE**
[72] PALANKI, RAVI, US
[72] GOROKHOV, ALEXEI Y., US
[73] QUALCOMM INCORPORATED, US
[86] (2860308)
[87] (2860308)
[22] 2009-06-25
[62] 2,727,376
[30] US (61/076,366) 2008-06-27
[30] US (12/490,086) 2009-06-23

---

[11] **2,860,821**
[13] C
[51] **Int.Cl. F16C 1/22 (2006.01) F16G 11/00 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM FOR A CONTROL CABLE ADJUSTER**
[54] **MECANISME DE VERROUILLAGE POUR DISPOSITIF DE REGLAGE DE CABLE DE COMMANDE**
[72] SNODGRASS, JOHN A., US
[73] SCHLAGE LOCK COMPANY LLC, US
[86] (2860821)
[87] (2860821)
[22] 2014-03-11
[30] US (61/776,730) 2013-03-11

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[11] **2,860,937**
[13] C
[51] **Int.Cl. E04B 5/36 (2006.01) E02D 31/00 (2006.01) E04G 11/36 (2006.01)**
[25] EN
[54] **BRACKET ASSEMBLY AND FORMING SYSTEM FOR STRUCTURAL COMPONENTS**
[54] **ENSEMBLE D'ETRIER ET SYSTEME DE FORMATION POUR COMPOSANTS STRUCTURELS**
[72] MOYHER, CHARLES S., US
[73] MOYHER, CHARLES S., US
[85] 2014-07-10
[86] 2013-01-10 (PCT/US2013/021081)
[87] (WO2013/106604)
[30] US (13/374,724) 2012-01-10

---

[11] **2,861,464**
[13] C
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROTEASOME ACTIVITY MODULATING TRICYCLIC COMPOUNDS**
[54] **ACTIVITE DU PROTEASOME MODULANT LES COMPOSES TRICYCLIQUES**
[72] CHAMBERS, ROBERT J., US
[72] FOLEY, MEGAN, US
[72] TAIT, BRADLEY, US
[73] PROTEOSTASIS THERAPEUTICS, INC., US
[85] 2014-07-16
[86] 2013-01-24 (PCT/US2013/022921)
[87] (WO2013/112706)
[30] US (61/590,605) 2012-01-25
[30] US (61/681,410) 2012-08-09
[30] US (61/739,069) 2012-12-19

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[11] **2,861,545**
[13] C
[51] **Int.Cl. A01N 1/02 (2006.01) A61B 5/0402 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TESTING, ASSESSMENT, AND MAINTENANCE OF HARVESTED HEARTS FOR TRANSPLANTING**
[54] **APPAREIL POUR TESTER, EVALUER ET CONSERVER DES COEURS PRELEVES POUR LA TRANSPLANTATION**
[72] FREED, DARREN H., CA
[72] MUNDT, PAUL H., CA
[72] ALI, AYYAZ, GB
[72] LARGE, STEPHEN, GB
[72] COLAH, SIMON, GB
[73] FREED, DARREN H., CA
[85] 2014-07-17
[86] 2013-01-17 (PCT/CA2013/000031)
[87] (WO2013/106908)
[30] US (61/587,452) 2012-01-17

---

[11] **2,862,566**
[13] C
[51] **Int.Cl. B26D 3/16 (2006.01) B26D 7/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CUTTING A PIPE MADE FROM THERMOPLASTIC MATERIAL**
[54] **PROCEDE ET APPAREIL POUR COUPER UN TUYAU EN MATIERE THERMOPLASTIQUE**
[72] TABANELLI, GIORGIO, IT
[72] GULMINELLI, MARCO, IT
[73] SICA S.P.A., IT
[85] 2014-07-24
[86] 2012-07-27 (PCT/IB2012/053838)
[87] (WO2013/140208)
[30] IT (RN2012A000016) 2012-03-23

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[11] **2,862,601**
[13] C
[51] **Int.Cl. B60C 13/00 (2006.01)**
[25] EN
[54] **TIRE**
[54] **PNEUMATIQUE**
[72] MISHIMA, SAYAKA, JP
[73] BRIDGESTONE CORPORATION, JP
[85] 2014-07-24
[86] 2013-01-25 (PCT/JP2013/051670)
[87] (WO2013/111890)
[30] JP (2012-015463) 2012-01-27

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[11] **2,863,296**
[13] C
[51] **Int.Cl. C08K 3/04 (2006.01)**
[25] EN
[54] **GRAPHENE COMPOSITES**
[54] **COMPOSITES DE GRAPHENE**
[72] KINLOCH, IAN, GB
[72] YOUNG, ROBERT, GB
[72] GONG, LEI, GB
[73] THE UNIVERSITY OF MANCHESTER, GB
[85] 2014-07-30
[86] 2013-01-31 (PCT/GB2013/050215)
[87] (WO2013/114116)
[30] GB (1201649.9) 2012-01-31

[11] **2,863,756**
[13] C
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 9/99 (2006.01)**
[25] EN
[54] **ENDONUCLEASE I COMPRISING A NEGATIVELY CHARGED AMINO ACID SUBSTITUTION**
[54] **ENDONUCLEASE I RENFERMANT UNE SUBSTITUTION D'ACIDE AMINE CHARGEE NEGATIVEMENT**
[72] LANES, OLAV, NO
[72] HAVDALEN, LINDA, NO
[72] SOLSTAD, TERESE, NO
[72] LORENTZEN, MARIT, NO
[72] ALTERMARK, BJORN, NO
[72] LEIROS, INGAR, NO
[72] HELLAND, RONNY, NO
[73] BIOTEC PHARMACON ASA, NO
[85] 2014-08-01
[86] 2013-02-18 (PCT/GB2013/050387)
[87] (WO2013/121228)
[30] GB (1202768.6) 2012-02-17
[30] GB (1216029.7) 2012-09-07

[11] **2,864,415**
[13] C
[51] **Int.Cl. C25D 5/00 (2006.01) C25D 3/06 (2006.01)**
[25] EN
[54] **COLOR CONTROL OF TRIVALENT CHROMIUM DEPOSITS**
[54] **CONTROLE DE LA COULEUR DE DEPOTS DE CHROME TRIVALENT**
[72] HINGLEY, STACEY, GB
[72] TOOTH, RICHARD, GB
[72] CLARKE, TERENCE, GB
[73] MACDERMID ACUMEN, INC., US
[85] 2014-08-12
[86] 2013-02-05 (PCT/US2013/024719)
[87] (WO2013/122774)
[30] US (13/398,111) 2012-02-16

[11] **2,865,108**
[13] C
[51] **Int.Cl. B64D 47/00 (2006.01) B60C 23/20 (2006.01) B64C 25/34 (2006.01) B64C 25/42 (2006.01) F16D 66/00 (2006.01)**
[25] EN
[54] **METHODS TO MONITOR COMPONENTS OF AN AIRCRAFT LANDING SYSTEM**
[54] **PROCEDES POUR SURVEILLER DES COMPOSANTS D'UN SYSTEME D'ATTERRISSAGE D'AVION**
[72] MARTIN, CASANDRA JOLENE, US
[73] THE BOEING COMPANY, US
[86] (2865108)
[87] (2865108)
[22] 2014-09-24
[30] US (14/088,087) 2013-11-22

[11] **2,867,655**
[13] C
[51] **Int.Cl. C23C 28/00 (2006.01) B21D 22/20 (2006.01) C23C 2/12 (2006.01) C23C 2/28 (2006.01) C22C 38/00 (2006.01) C22C 38/14 (2006.01)**
[25] EN
[54] **AL-PLATED STEEL SHEET, METHOD FOR HOT-PRESSING AL-PLATED STEEL SHEET, AND AUTOMOTIVE PART**
[54] **TOLE D'ACIER REVETUE D'UN PLACAGE EN AL, PROCEDE DE PRESSAGE A CHAUD D'UNE TOLE D'ACIER REVETUE D'UN PLACAGE EN AL, ET PIECE AUTOMOBILE**
[72] MAKI, JUN, JP
[72] KUROSAKI, MASAO, JP
[72] KUSUMI, KAZUHISA, JP
[72] YAMANAKA, SHINTARO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-09-17
[86] 2013-04-15 (PCT/JP2013/061206)
[87] (WO2013/157522)
[30] JP (2012-095014) 2012-04-18
[30] JP (2012-100266) 2012-04-25

[11] **2,867,895**
[13] C
[51] **Int.Cl. H04N 5/33 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **WEARABLE APPARATUS WITH INTEGRATED INFRARED IMAGING MODULE**
[54] **APPAREIL PORTABLE A MODULE D'IMAGERIE INFRAROUGE INTEGRE**
[72] TERRE, WILLIAM A., US
[72] TEICH, ANDREW C., US
[72] LEPORE, GIOVANNI, US
[72] HOGASTEN, NICHOLAS, US
[72] HOELTER, THEODORE R., US
[72] STRANDEMAR, KATRIN, SE
[73] FLIR SYSTEMS, INC., US
[85] 2014-09-18
[86] 2013-03-14 (PCT/US2013/031734)
[87] (WO2013/184220)
[30] US (61/612,794) 2012-03-19
[30] US (61/656,889) 2012-06-07
[30] US (PCT/US2012/041749) 2012-06-08
[30] US (PCT/US2012/041739) 2012-06-08
[30] US (PCT/US2012/041744) 2012-06-08
[30] US (13/802,615) 2013-03-13

[11] **2,868,106**
[13] C
[51] **Int.Cl. G08B 13/196 (2006.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **E-MAP BASED INTUITIVE VIDEO SEARCHING SYSTEM AND METHOD FOR SURVEILLANCE SYSTEMS**
[54] **SYSTEME DE RECHERCHE VIDEO INTUITIF FONDE SUR E-MAP ET PROCEDE POUR SYSTEMES DE SURVEILLANCE**
[72] DENG, YI, US
[72] SONG, WEI, US
[72] ZHANG, PENGFEI, US
[72] LIN, LIN, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2868106)
[87] (2868106)
[22] 2014-10-17
[30] US (14/071,910) 2013-11-05

[11] **2,869,767**
[13] C
[51] **Int.Cl. B65G 65/42 (2006.01)**
[25] EN
[54] **STORAGE TANK WITH DISCHARGE CONVEYOR**
[54] **RESERVOIR DE STOCKAGE DOTE D'UN TRANSPORTEUR D'EVACUATION**
[72] FRIESEN, HENRY, CA
[72] FRIESEN, PETER, CA
[72] FRIESEN, ABRAM, CA
[73] FB INDUSTRIES INC., CA
[86] (2869767)
[87] (2869767)
[22] 2014-11-05

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[11] **2,869,876**
[13] C
[51] **Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01)**
[25] EN
[54] **SUPER LOW MELT TONER HAVING SMALL MOLECULE PLASTICIZERS**
[54] **TONER A TRES FAIBLE POINT DE FUSION COMPORTANT DES PLASTIFIANTS A PETITES MOLECULES**
[72] WOSNICK, JORDAN H., CA
[72] ZHOU, KE, CA
[72] FARRUGIA, VALERIE M., CA
[72] MORIMITSU, KENTARO, CA
[72] ZWARTZ, EDWARD G., CA
[73] XEROX CORPORATION, US
[86] (2869876)
[87] (2869876)
[22] 2014-11-04
[30] US (14/077,024) 2013-11-11

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[11] **2,871,258**
[13] C
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 43/12 (2006.01) F01C 1/12 (2006.01) F01C 1/46 (2006.01) F01C 21/08 (2006.01) F03B 3/04 (2006.01) F03B 13/02 (2006.01) F04C 2/46 (2006.01)**
[25] EN
[54] **DOWNHOLE MOTOR WITH CONCENTRIC ROTARY DRIVE SYSTEM**
[54] **MOTEUR DE FOND DOTE D'UN SYSTEME D'ENTRAINEMENT ROTATIF CONCENTRIQUE**
[72] MARCHAND, NICHOLAS RYAN, CA
[72] CLAUSEN, JEFFERY RONALD, US
[72] PRILL, JONATHAN RYAN, CA
[73] GREYSTONE TECHNOLOGIES PTY LTD, AU
[85] 2014-10-23
[86] 2013-04-26 (PCT/AU2013/000432)
[87] (WO2013/159153)
[30] US (61/639,762) 2012-04-27

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[11] **2,871,630**
[13] C
[51] **Int.Cl. H02J 9/00 (2006.01) H01M 10/42 (2006.01) H02J 1/00 (2006.01) H05K 5/03 (2006.01)**
[25] EN
[54] **BATTERY SYSTEM SAFETY SHIELD AND METHOD**
[54] **PROCEDE ET SYSTEME DE PROTECTION DE SECURITE POUR SYSTEME DE BATTERIE**
[72] CONRARDY, WILLIAM N., US
[72] LUPINEK, JAMES R., US
[72] FECHALOS, WILLIAM, US
[72] HEINZ, CHRISTOPHER D., US
[72] BLAKE, PAUL, US
[72] OSKO, MICHAEL T., US
[73] C & C POWER, INC., US
[86] (2871630)
[87] (2871630)
[22] 2014-11-18
[30] US (61/907,676) 2013-11-22

---

[11] **2,871,842**
[13] C
[51] **Int.Cl. F02K 3/06 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **COUPLING PART STRUCTURE FOR VANE AND JET ENGINE INCLUDING THE SAME**
[54] **STRUCTURE DE PARTIE DE LIAISON D'AUBE, ET TURBOREACTEUR UTILISANT LADITE STRUCTURE**
[72] INADA, TAKAOMI, JP
[72] TANAKA, SHINICHI, JP
[73] IHI CORPORATION, JP
[73] IHI AEROSPACE CO., LTD., JP
[85] 2014-10-28
[86] 2013-06-19 (PCT/JP2013/066786)
[87] (WO2013/191195)
[30] JP (2012-138655) 2012-06-20

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[11] **2,872,231**
[13] C
[51] **Int.Cl. G01D 5/02 (2006.01) G01N 9/00 (2006.01) G01N 11/00 (2006.01) G01L 1/22 (2006.01) G01L 1/24 (2006.01)**
[25] EN
[54] **SINGLE MAGNET FLUID DENSITOMETER**
[54] **DENSITOMETRE FLUIDE A AIMANT UNIQUE**
[72] GAO, LI, US
[72] PELLETIER, MICHAEL T., US
[72] PROETT, MARK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-30
[86] 2012-05-03 (PCT/US2012/036372)
[87] (WO2013/165428)

[11] **2,872,616**
[13] C
[51] **Int.Cl. B32B 27/10 (2006.01) B32B 37/02 (2006.01)**
[25] EN
[54] **CONTAINER WITH HIGH MOISTURE BARRIER PROPERTIES AND A RECLOSABLE POUR SPOUT**
[54] **RECIPIENT AVEC D'EXCELLENTES PROPRIETES DE BARRIERE CONTRE L'HUMIDITE ET UN BEC VERSEUR REFERMABLE**
[72] ZHENG, YONG, US
[72] KALBERER, RODERICK W., US
[72] MARTINEZ, CELSO S., US
[72] BITOWFT, BRUCE, US
[72] KALMAN, JEFFREY M., US
[72] MIDKIFF, TODD, US
[72] ANDREWS, JASON S., US
[72] MENDENHALL, ANDREW B., US
[73] EVERGREEN PACKAGING, INC., US
[85] 2014-11-04
[86] 2013-05-17 (PCT/US2013/041599)
[87] (WO2013/173718)
[30] US (61/648,152) 2012-05-17
[30] US (29/422,170) 2012-05-17
[30] US (29/422,146) 2012-05-17

[11] **2,872,939**
[13] C
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/00 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **LAPAROSCOPIC PORT**
[54] **ORIFICE LAPAROSCOPIQUE**
[72] FARIN, DANNY, IL
[72] BACHAR, YEHUDA, IL
[72] WINSHTEIN, RONNY, IL
[73] EON SURGICAL LTD., IL
[85] 2014-11-07
[86] 2013-05-09 (PCT/EP2013/059693)
[87] (WO2013/167717)
[30] US (61/644,456) 2012-05-09

[11] **2,873,077**
[13] C
[51] **Int.Cl. C12M 1/10 (2006.01) B01D 29/15 (2006.01) B04B 3/00 (2006.01) B04B 5/06 (2006.01) B04B 7/16 (2006.01) C12M 1/12 (2006.01)**
[25] EN
[54] **CENTRIFUGAL FILTRATION DEVICE AND CELL SEPARATION SYSTEM AND METHODS OF USE THEREOF**
[54] **DISPOSITIF DE FILTRAGE CENTRIFUGE ET SYSTEME DE SEPARATION DE CELLULE ET METHODES D'UTILISATION ASSOCIEES**
[72] ZHENG, CHONG, CN
[73] ZHENG, CHONG, CN
[85] 2014-11-10
[86] 2012-12-14 (PCT/CN2012/086694)
[87] (WO2014/089838)

[11] **2,873,565**
[13] C
[51] **Int.Cl. E04F 15/02 (2006.01) B32B 27/04 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **HYBRID FLOORING PRODUCT**
[54] **PRODUIT DE REVETEMENT DE SOL HYBRIDE**
[72] DAVIES, MARY KATE, US
[72] RAMACHANDRA, SUNIL, US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[86] (2873565)
[87] (2873565)
[22] 2014-12-08
[30] US (61/922,650) 2013-12-31

[11] **2,874,390**
[13] C
[51] **Int.Cl. A61B 17/02 (2006.01) A61B 17/70 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **TISSUE RETRACTION AND VERTEBRAL DISPLACEMENT DEVICES, SYSTEMS, AND METHODS FOR POSTERIOR SPINAL FUSION**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE RETRACTION TISSULAIRE ET DE DEPLACEMENT VERTEBRAL POUR FUSION SPINALE POSTERIEURE**
[72] REITBLAT, ABRAM, US
[72] KRAUSE, STEVEN, US
[72] PEDRICK, DOUGLAS, US
[72] TALIJAN, DAVID, US
[72] CORBIN, ERIKA, US
[72] PRYBIS, BRAD, US
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
[86] (2874390)
[87] (2874390)
[22] 2014-12-12
[30] US (61/915,635) 2013-12-13

[11] **2,875,309**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DEFINING AND MAPPING APPLICATION INTERFACE SEMANTICS**
[54] **DEFINITION ET MAPPAGE D'UNE SEMANTIQUE D'INTERFACE D'APPLICATION**
[72] KRISHNAN, PAVITRA, US
[72] BRIDWELL, WILLIAM JEFFREY, US
[72] BOMMASAMUDRA, CHANDRA SHEKAR, US
[73] STAPLES, INC., US
[85] 2014-12-01
[86] 2013-05-31 (PCT/US2013/043699)
[87] (WO2013/181588)
[30] US (61/654,788) 2012-06-01

[11] 2,875,431
[13] C
[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/25 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA**
[54] **PROCEDES ET APPAREIL POUR CORRELER DES DONNEES DE MESURE DE RECENSEMENT AVEC DES DONNEES DE PANEL**
[72] MCMILLAN, F. GAVIN, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2014-11-28
[86] 2014-04-24 (PCT/US2014/035332)
[87] (WO2014/176443)
[30] US (61/815,544) 2013-04-24
[30] US (14/132,626) 2013-12-18

[11] 2,875,768
[13] C
[51] **Int.Cl. C07D 307/92 (2006.01) C07B 53/00 (2006.01) C07C 69/732 (2006.01) C07C 205/44 (2006.01) C07C 205/56 (2006.01) C07C 235/28 (2006.01) C07C 309/08 (2006.01) C07D 235/12 (2006.01) C07D 263/56 (2006.01) C07D 277/64 (2006.01) C07D 405/04 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01) C07F 7/18 (2006.01) C07F 9/58 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PHOSPHONATE COMPOUNDS USEFUL IN THE PREPARATION OF HIMBACINE ANALOGS**
[54] **PROCEDE DE PREPARATION DE COMPOSES DE PHOSPHONATE UTILES POUR LA PREPARATION D'ANALOGUES D'HIMBACINE**
[72] WU, GEORGE G., US
[72] WANG, TAO, US
[72] NGUYEN, HOA N., US
[72] LIAO, JING, US
[72] CUI, JIAN, US
[72] XIE, JI, US
[72] LIM, NGIAP KIE, US
[72] ZAVIALOV, ILIA, US
[72] CHEN, FRANK XING, US
[72] YANG, XIAOJING, US
[72] SABESAN, VIJAY, US
[72] THIRUVENGADAM, TIRUVETTIPURAM K., US
[72] SUDHAKAR, ANANTHA, US
[72] KWOK, DAW-LONG, US
[72] POIRIER, MARC, US
[72] HUANG, MINGSHENG, US
[73] ARALEZ PHARMACEUTICALS TRADING DAC, IE
[86] (2875768)
[87] (2875768)
[22] 2006-01-12
[62] 2,594,871
[30] US (60/644,464) 2005-01-14

[11] 2,876,876
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/00 (2012.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OBTAINING INFORMATION RELATING TO AN ITEM OF COMMERCE USING A PORTABLE IMAGING DEVICE**
[54] **SYSTEME ET PROCEDE POUR OBTENIR DES INFORMATIONS RELATIVES A UN ARTICLE DE COMMERCE, AU MOYEN D'UN DISPOSITIF D'IMAGERIE PORTABLE**
[72] DU, KAVIN, US
[72] NANKOV, MILEN, US
[73] AMAZON TECHNOLOGIES, INC., US
[86] (2876876)
[87] (2876876)
[22] 2004-12-22
[62] 2,549,377
[30] US (10/749,473) 2003-12-31

[11] 2,877,055
[13] C
[51] **Int.Cl. E04G 3/30 (2006.01) B02C 19/00 (2006.01) B24C 5/04 (2006.01) E04G 3/20 (2006.01) E04G 23/08 (2006.01)**
[25] EN
[54] **FRAME MOUNTED HYDRODEMOLITION SYSTEM FOR TREATING LARGE INCLINED WALL SURFACES**
[54] **APPAREIL D'HYDRODEMOLITION SUR CADRE DESTINE AU TRAITEMENT DE SURFACES MURALES INCLINEES IMPORTANTES**
[72] MACNEIL, DAVID, CA
[72] MACNEIL, GERARD, CA
[72] MACNEIL, JESSE, CA
[72] MACNEIL, BRETT, CA
[72] MACNEIL, GORDON, CA
[72] BOSE, VERNON, CA
[73] MAC & MAC HYDRODEMOLITION INC., CA
[86] (2877055)
[87] (2877055)
[22] 2014-10-09
[30] CA (2,855,109) 2014-06-23

[11] **2,877,106**
[13] C
[51] **Int.Cl. C12Q 1/64 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ASSESSING A WELLBORE SERVICING FLUID OR A COMPONENT THEREOF**
[54] **SYSTEME ET PROCEDE D'EVALUATION D'UN FLUIDE DE SERVICE DE PUITS DE FORAGE OU D'UN COMPOSANT DE CELUI-CI**
[72] TRICKEY, ERICA LYNNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-17
[86] 2013-06-03 (PCT/US2013/043933)
[87] (WO2013/191883)
[30] US (13/526,049) 2012-06-18

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[11] **2,877,761**
[13] C
[51] **Int.Cl. B65D 30/10 (2006.01) B65D 85/34 (2006.01)**
[25] EN
[54] **WATERMELON POUCH**
[54] **CONTENANT A MELON D'EAU**
[72] MAGLIO, SAM J., US
[73] THE FRESH GROUP, LTD., US
[86] (2877761)
[87] (2877761)
[22] 2015-01-15
[30] US (61/928,178) 2014-01-16

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[11] **2,878,433**
[13] C
[51] **Int.Cl. E05B 1/00 (2006.01)**
[25] EN
[54] **DOOR HANDLE ASSEMBLIES REDUCING WOBBLE**
[54] **ENSEMBLES POIGNEES DE PORTE PERMETTANT DE REDUIRE LE JEU**
[72] CHANDRASEKHARA, SURESHA, IN
[72] MANI, VIJAYAKUMAR, IN
[72] HOOD, BRIAN H., US
[72] MURPHY, NATHANAEL S., US
[72] CLIFFORD, JASON C., US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2015-01-06
[86] 2013-05-08 (PCT/US2013/040055)
[87] (WO2013/169844)
[30] US (61/644,382) 2012-05-08

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[11] **2,879,280**
[13] C
[51] **Int.Cl. C04B 24/26 (2006.01) C08F 8/28 (2006.01) C08F 16/06 (2006.01) C08J 3/24 (2006.01) C08K 5/07 (2006.01) C09K 8/12 (2006.01) C09K 8/487 (2006.01) C09K 8/62 (2006.01)**
[25] FR
[54] **FILTRATE CONTROL AGENTS IN SOLID FORM**
[54] **AGENTS DE CONTROLE DU FILTRAT SOUS FORME SOLIDE**
[72] CADIX, ARNAUD, FR
[73] RHODIA OPERATIONS, FR
[85] 2015-01-15
[86] 2013-01-25 (PCT/EP2013/051461)
[87] (WO2013/110773)
[30] FR (12/00215) 2012-01-25

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[11] **2,879,558**
[13] C
[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/10 (2006.01)**
[25] EN
[54] **CLOSED SYSTEM TRANSFER DEVICE AND AUTOMATION SYSTEM**
[54] **DISPOSITIF DE TRANSFERT A SYSTEME FERME ET SYSTEME D'AUTOMATISATION**
[72] REINHARDT, ALEX H., CA
[72] ROB, RONALD H., CA
[73] ARXIUM INC., CA
[85] 2015-01-20
[86] 2013-07-24 (PCT/CA2013/000666)
[87] (WO2014/015419)
[30] US (61/675,026) 2012-07-24

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[11] **2,881,386**
[13] C
[51] **Int.Cl. G03G 9/08 (2006.01) G03G 9/093 (2006.01)**
[25] EN
[54] **LOW ENERGY CONSUMPTION MONOCHROME TONER FOR SINGLE COMPONENT DEVELOPMENT SYSTEM**
[54] **TONER MONOCHROME A FAIBLE CONSOMMATION D'ENERGIE POUR SYSTEME DE DEVELOPPEMENT A ELEMENT UNIQUE**
[72] KMIECIK-LAWRYNOWICZ, GRAZYNA E., US
[72] BAYLEY, ROBERT D., US
[72] SWEENEY, MAURA A., US
[72] ASARESE, DANIEL W., US
[72] LAMORA, KAREN L., US
[73] XEROX CORPORATION, US
[86] (2881386)
[87] (2881386)
[22] 2015-02-05
[30] US (14/175,957) 2014-02-07

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[11] **2,882,050**
[13] C
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 33/00 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **STATIC COF DIFFERENTIAL POLY FILM REAM WRAP**
[54] **MACULE POUR EMBALLAGE EN POLYFILM A DIFFERENTIEL DE COEFFICIENT DE FROTTEMENT (COF)**
[72] ARENT, WENDY L., US
[72] MUELLER, LOU ANN, US
[72] NOWAK, MICHAEL R., US
[73] COATING EXCELLENCE INTERNATIONAL, US
[86] (2882050)
[87] (2882050)
[22] 2003-12-30
[62] 2,454,530
[30] US (10/331,298) 2002-12-30

[11] **2,882,336**
[13] C
[51] **Int.Cl. B01J 32/00 (2006.01) B01D 53/56 (2006.01) B01J 23/28 (2006.01) B01J 27/199 (2006.01)**
[25] EN
[54] **CATALYST SUPPORT MATERIALS, CATALYSTS, METHODS OF MAKING THEM AND USES THEREOF**
[54] **MATERIAUX DE SUPPORT POUR CATALYSEURS, CATALYSEURS, LEURS PROCEDES DE PREPARATION ET UTILISATIONS**
[72] AUGUSTINE, STEVE M., US
[72] CHAPMAN, DAVID M., US
[72] CLARK, DENNIS F., US
[73] CRISTAL USA INC., US
[85] 2015-02-17
[86] 2013-08-23 (PCT/US2013/056505)
[87] (WO2014/032022)
[30] US (61/693,245) 2012-08-24
[30] US (61/695,541) 2012-08-31

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[11] **2,882,880**
[13] C
[51] **Int.Cl. F21V 33/00 (2006.01) F21K 9/00 (2016.01) F24F 7/013 (2006.01) F24F 13/078 (2006.01) F24F 13/08 (2006.01)**
[25] EN
[54] **ILLUMINATION GRILLE ASSEMBLY AND METHOD**
[54] **ENSEMBLE DE GRILLE D'ECLAIRAGE ET PROCEDE ASSOCIE**
[72] ZAKULA, MIRKO, US
[72] JONAS, KENNETH J., US
[72] JACAK, COREY S., US
[73] BROAN-NUTONE LLC, US
[85] 2015-02-24
[86] 2013-08-12 (PCT/US2013/054518)
[87] (WO2014/035648)
[30] US (13/597,167) 2012-08-28

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[11] **2,883,067**
[13] C
[51] **Int.Cl. A61K 8/9789 (2017.01) A61K 8/64 (2006.01) A61K 8/97 (2017.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR IMPROVING SELECTIVE CATABOLYSIS IN CELLS OF KERATIN SURFACES**
[54] **METHODE ET COMPOSITIONS DESTINEES A AMELIORER LE CATABOLISME SELECTIF DANS DES CELLULES DE SURFACES KERATINIQUES**
[72] PERNODET, NADINE A., US
[72] DONG, KELLY, US
[72] PELLE, EDWARD, US
[72] YAROSH, DANIEL B., US
[73] ELC MANAGEMENT LLC, US
[85] 2015-02-24
[86] 2013-09-09 (PCT/US2013/058693)
[87] (WO2014/043009)
[30] US (61/701,130) 2012-09-14

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[11] **2,884,327**
[13] C
[51] **Int.Cl. E04F 13/24 (2006.01) B27D 1/10 (2006.01) E04B 1/38 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **CONNECTOR AND SYSTEM FOR SUPPORTING VENEER PANELS**
[54] **CONNECTEUR ET SYSTEME DE SOUTIEN DE PANNEAUX DE PLACAGE**
[72] HATZINIKOLAS, MICHAEL, CA
[73] HATZINIKOLAS, MICHAEL, CA
[86] (2884327)
[87] (2884327)
[22] 2003-06-11
[62] 2,739,617
[30] US (10/430,298) 2003-05-07

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[11] **2,884,654**
[13] C
[51] **Int.Cl. B62D 33/027 (2006.01) F16F 9/14 (2006.01) F16F 9/516 (2006.01)**
[25] EN
[54] **ROTATIONAL SPEED REDUCTION DEVICE FOR TRUCK TAILGATE**
[54] **DISPOSITIF DE REDUCTION DE LA VITESSE DE ROTATION POUR HAYON DE CAMION**
[72] HORITA, NAOHIRO, JP
[72] KANEKO, RYOHEI, JP
[73] OILES CORPORATION, JP
[86] (2884654)
[87] (2884654)
[22] 2012-07-19
[62] 2,840,757
[30] JP (2011-166054) 2011-07-28

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[11] **2,884,976**
[13] C
[51] **Int.Cl. F01D 5/14 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH FORWARD MOMENT ARM**
[54] **TURBINE A GAZ A BRAS DE LEVIER AVANT**
[72] BOMZER, DAVID, US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[85] 2015-03-13
[86] 2013-09-27 (PCT/US2013/062104)
[87] (WO2014/099085)
[30] US (61/708,240) 2012-10-01
[30] US (61/789,275) 2013-03-15

[11] 2,885,172
[13] C
[51] Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07K 16/46 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)
[25] EN
[54] ANTIBODIES TO M-CSF
[54] ANTICORPS DIRIGES CONTRE UN M-CSF
[72] BEDIAN, VAHE, US
[72] DEVALARAJA, MADHAV NARASIMHA, US
[72] LOW, JOSEPH EDWIN, US
[72] MOBLEY, JAMES LESLIE, US
[72] KELLERMANN, SIRID-AIMEE, US
[72] FOLTZ, IAN, CA
[72] HAAK-FRENDSCHO, MARY, US
[73] WARNER-LAMBERT COMPANY LLC, US
[73] AMGEN FREMONT INC., US
[86] (2885172)
[87] (2885172)
[22] 2004-09-09
[62] 2,537,876
[30] US (60/502,163) 2003-09-10

[11] 2,885,593
[13] C
[51] Int.Cl. C23C 16/44 (2006.01) C23C 14/02 (2006.01) C23C 14/22 (2006.01) C23C 16/02 (2006.01)
[25] EN
[54] WEAR RESISTANT COATING
[54] REVETEMENT ANTI-USURE
[72] GOROKHOVSKY, VLADIMIR, US
[72] HECKERMAN, BRAD B., US
[72] CHENG, YUHANG, US
[73] G & H TECHNOLOGIES LLC, US
[86] (2885593)
[87] (2885593)
[22] 2007-05-17
[62] 2,652,586
[30] US (60/801,142) 2006-05-17

[11] 2,886,185
[13] C
[51] Int.Cl. C05F 11/00 (2006.01) C05D 1/02 (2006.01) C05D 3/02 (2006.01)
[25] EN
[54] GROWTH SUPPLEMENT FOR EFFICIENT PRODUCTION OF AGRICULTURAL AND LIVESTOCK PRODUCTS
[54] AGENT DE COMPLEMENT DE CROISSANCE ET DE DEVELOPPEMENT POUR L'AMELIORATION DU RENDEMENT DE PRODUCTION DE PRODUITS AGRICOLES ET D'ELEVAGE
[72] KIM, YONG GUK, KR
[72] PARK, JAE SUNG, KR
[72] KIM, TAE HYOUN, KR
[73] WIZBIO CO., LTD., KR
[85] 2015-03-25
[86] 2013-08-30 (PCT/KR2013/007796)
[87] (WO2014/051266)
[30] KR (10-2012-0108703) 2012-09-28

[11] 2,886,509
[13] C
[51] Int.Cl. F16C 33/66 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F16C 19/14 (2006.01)
[25] EN
[54] DUPLEX BEARING LUBRICATION
[54] LUBRIFICATION DE ROULEMENT A DOUBLE RANGEE
[72] KERR, DONALD L., US
[72] NAGER, ERIC A., US
[72] DEVALAPALLY, GIRI P., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[85] 2015-03-26
[86] 2013-08-23 (PCT/US2013/056309)
[87] (WO2014/058541)
[30] US (13/646,961) 2012-10-08

[11] 2,886,722
[13] C
[51] Int.Cl. B65B 39/02 (2006.01) B65B 1/04 (2006.01) B65B 1/18 (2006.01) B65B 39/10 (2006.01)
[25] EN
[54] APPARATUS FOR FILLING BAGS WITH ADJUSTMENT OF THE OPENING/CLOSING TRAVEL OF THE BAG-HOLDER VALVES
[54] APPAREIL DE REMPLISSAGE DE SACS DOTE D'UN AJUSTEMENT DU PARCOURS D'OUVERTURE/FERMETURE DES VANNES DU SUPPORT DE SAC
[72] CONCETTI, TEODORO, IT
[73] CONCETTI S.P.A., IT
[86] (2886722)
[87] (2886722)
[22] 2015-04-01
[30] IT (MI2014A000605) 2014-04-04

[11] 2,887,013
[13] C
[51] Int.Cl. B26B 1/08 (2006.01) B26B 27/00 (2006.01)
[25] EN
[54] HEATED UTILITY KNIFE
[54] COUTEAU UNIVERSEL CHAUFFE
[72] BELLAMY, BRANDON, US
[73] GRAND PRODUCTS, LLC, US
[85] 2015-04-07
[86] 2013-10-02 (PCT/US2013/063006)
[87] (WO2014/055615)
[30] US (61/709,590) 2012-10-04

[11] 2,887,566
[13] C
[51] Int.Cl. B29B 11/16 (2006.01) B29C 70/38 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR PRODUCING PREFORMS FOR THE PRODUCTION OF A ROTOR BLADE
[54] PROCEDE ET DISPOSITIF DE FABRICATION DE PREFORMES POUR LA FABRICATION D'UNE PALE DE ROTOR
[72] SCHREIBER, JOACHIM, DE
[72] KANNENBERG, JOHANNES, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-04-07
[86] 2013-10-14 (PCT/EP2013/071405)
[87] (WO2014/063944)
[30] DE (10 2012 219 267.0) 2012-10-22

[11] **2,888,186**
[13] C
[51] **Int.Cl. B41M 5/26 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SUBSTRATE HAVING AN IMAGE ON AT LEAST ONE SURFACE**
[54] **PROCEDE DE PRODUCTION D'UN SUBSTRAT COMPORTANT UNE IMAGE SUR AU MOINS UNE SURFACE**
[72] DANIELS, EVAN R., US
[73] THE INTELLECTUAL GORILLA GMBH, CH
[85] 2015-04-13
[86] 2013-10-11 (PCT/US2013/064435)
[87] (WO2014/059210)
[30] US (61/713,240) 2012-10-12

---

[11] **2,888,766**
[13] C
[51] **Int.Cl. A01D 57/03 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **TINE TUBE BUSHING FOR THE REEL OF A CROP HARVESTING HEADER**
[54] **RACCORD DE REDUCTION DE TUBE DE FOURCHE D'UN ORGANE DE COUPE DE RECOLTE**
[72] REMILLARD, RHEAL, CA
[73] MACDON INDUSTRIES LTD., CA
[86] (2888766)
[87] (2888766)
[22] 2015-04-21

---

[11] **2,888,882**
[13] C
[51] **Int.Cl. E04H 7/06 (2006.01) E04H 7/18 (2006.01)**
[25] EN
[54] **METHOD FOR CONSTRUCTING CYLINDRICAL TANK**
[54] **PROCEDE POUR CONSTRUIRE UN RESERVOIR CYLINDRIQUE**
[72] SHIOMI, HIROSHI, JP
[72] NAGUMO, SATORU, JP
[72] UCHIYAMA, NORIO, JP
[72] KATSUYAMA, NORIYUKI, JP
[72] TAKAHASHI, MASAKI, JP
[73] IHI CORPORATION, JP
[85] 2015-04-21
[86] 2013-06-28 (PCT/JP2013/067867)
[87] (WO2014/073240)
[30] JP (2012-248554) 2012-11-12

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[11] **2,889,145**
[13] C
[51] **Int.Cl. C04B 14/04 (2006.01) E21B 33/13 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **SETTABLE COMPOSITIONS COMPRISING WOLLASTONITE AND PUMICE AND METHODS OF USE**
[54] **COMPOSITIONS DURCISSABLES COMPRENANT DE LA WOLLASTONITE ET DE LA PIERRE PONCE ET PROCEDES D'UTILISATION**
[72] CHATTERJI, JITEN, US
[72] BRENNEIS, D. CHAD, US
[72] KEYS, CRYSTAL L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-20
[86] 2013-11-08 (PCT/US2013/069130)
[87] (WO2014/074810)
[30] US (13/672,837) 2012-11-09

---

[11] **2,889,618**
[13] C
[51] **Int.Cl. F02C 7/20 (2006.01) F01D 25/24 (2006.01) F02K 3/072 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH MOUNT FOR LOW PRESSURE TURBINE SECTION**
[54] **MOTEUR A TURBINE A GAZ DOTE D'UNE MONTURE POUR SECTION DE TURBINE BASSE-PRESSION**
[72] SCHWARZ, FREDERICK M., US
[72] GLAHN, JORN A., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[85] 2015-04-24
[86] 2013-11-07 (PCT/US2013/068838)
[87] (WO2014/078157)
[30] US (61/726,211) 2012-11-14
[30] US (13/719,620) 2012-12-19

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[11] **2,889,679**
[13] C
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **GUIDED PUNCH FOR TALAR AUGMENTS**
[54] **POINCON GUIDE POUR AUGMENTATIONS D'ASTRAGALE**
[72] SANDER, ELIZABETH J., US
[72] HOWLES, ROBERT M., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-27
[86] 2014-11-14 (PCT/US2014/065786)
[87] (WO2016/076892)

---

[11] **2,889,824**
[13] C
[51] **Int.Cl. G01S 19/50 (2010.01) B61L 25/02 (2006.01) G01C 21/00 (2006.01)**
[25] EN
[54] **DYNAMICALLY PROVIDING POSITION INFORMATION OF A TRANSIT OBJECT TO A COMPUTING DEVICE**
[54] **FOURNITURE DE MANIERE DYNAMIQUE D'INFORMATIONS DE POSITION D'UN OBJET DE TRANSIT A UN DISPOSITIF INFORMATIQUE**
[72] HOLDEN, PAUL-PHILLIP, US
[72] SWEENEY, MATTHEW, US
[73] UBER TECHNOLOGIES, INC., US
[85] 2015-04-28
[86] 2013-10-24 (PCT/US2013/066529)
[87] (WO2014/074319)
[30] US (13/672,643) 2012-11-08

[11] **2,890,535**
[13] C
[51] **Int.Cl. C22F 1/04 (2006.01) B21B 3/00 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING FORMED COMPONENT FOR AIRCRAFT USE MADE OF ALUMINUM ALLOY AND FORMED COMPONENT FOR AIRCRAFT USE**
[54] **PROCEDE DE FABRICATION D'UN COMPOSANT FACONNE EN ALLIAGE D'ALUMINIUM DESTINE A UN AERONEF ET COMPOSANT FACONNE DESTINE A UN AERONEF**
[72] OKADA, HIDEKI, JP
[72] ISHIKAWA, CHIKARA, JP
[72] YAMADA, ETSUKO, JP
[72] WADA, TAKUMI, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2015-05-06
[86] 2013-12-19 (PCT/JP2013/007463)
[87] (WO2014/097631)
[30] JP (2012-279796) 2012-12-21

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[11] **2,890,717**
[13] C
[51] **Int.Cl. G06K 9/78 (2006.01) G06T 7/20 (2017.01)**
[25] EN
[54] **THREE-DIMENSIONAL OBJECT RECOGNITION DEVICE AND THREE-DIMENSIONAL OBJECT RECOGNITION METHOD**
[54] **DISPOSITIF DE RECONNAISSANCE D'OBJET TRIDIMENSIONNEL ET PROCEDE DE RECONNAISSANCE D'OBJET TRIDIMENSIONNEL**
[72] HAYASHI, TOSHIHIRO, JP
[72] EMOTO, SHUHEI, JP
[72] SONEHARA, MITSUHARU, JP
[73] IHI CORPORATION, JP
[85] 2015-05-07
[86] 2013-11-13 (PCT/JP2013/080661)
[87] (WO2014/077272)
[30] JP (2012-253023) 2012-11-19

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[11] **2,890,864**
[13] C
[51] **Int.Cl. A46B 9/04 (2006.01) A46B 9/06 (2006.01) A46D 1/00 (2006.01) A46D 3/00 (2006.01) B29C 45/14 (2006.01)**
[25] EN
[54] **TOOTHBRUSH COMPRISING ELASTOMERIC CLEANING ELEMENTS OVER-MOLDED WITH A HARDER PLASTIC AND METHOD FOR PRODUCING THE SAME**
[54] **BROSSE A DENTS COMPRENANT DES ELEMENTS DE NETTOYAGE ELASTOMERES SURMOULES AVEC UNE MATIERE PLASTIQUE PLUS DURE ET SON PROCEDE DE PRODUCTION**
[72] MORGOTT, MARKUS, DE
[73] THE GILLETTE COMPANY LLC, US
[85] 2015-05-05
[86] 2013-10-23 (PCT/US2013/066297)
[87] (WO2014/070542)
[30] EP (12191225.7) 2012-11-05

---

[11] **2,891,113**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **URINARY CATHETERS HAVING VARYING FLEXIBILITY**
[54] **CATHETERS URINAIRES AYANT UNE FLEXIBILITE VARIABLE**
[72] HANNON, DAVID, IE
[72] HENRY, JEROME A., IE
[72] MURRAY, MICHAEL G., IE
[72] WEINSTEIN, MITCHELL J., US
[73] HOLLISTER INCORPORATED, US
[85] 2015-05-08
[86] 2013-03-12 (PCT/US2013/030428)
[87] (WO2014/077881)
[30] US (61/726,111) 2012-11-14

---

[11] **2,891,613**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC VALVES, FRAMES AND LEAFLETS AND METHODS THEREOF**
[54] **VALVES, CADRES ET FEUILLETS PROTHETIQUES ET PROCEDES POUR CEUX-CI**
[72] BRUCHMAN, WILLIAM C., US
[72] CRAWFORD, DANIEL A., US
[72] HAGAMAN, LOGAN R., US
[72] HARTMAN, CODY L., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-05-05
[86] 2013-12-19 (PCT/US2013/076688)
[87] (WO2014/100476)
[30] US (61/739,721) 2012-12-19
[30] US (61/802,116) 2013-03-15
[30] US (14/133,563) 2013-12-18

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[11] **2,891,971**
[13] C
[51] **Int.Cl. G01N 1/44 (2006.01) A47G 23/04 (2006.01)**
[25] EN
[54] **DIGITAL MULTI-USE THERMO-CUP**
[54] **GOBELET THERMIQUE NUMERIQUE A USAGE MULTIPLE**
[72] BHAIDASNA, KETAN C., US
[72] BELL, CHRISTOPHER R., US
[72] LOOP, JUSTIN T., US
[72] TCHERNIN, VIATCHESLAV, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-05-19
[86] 2013-12-20 (PCT/US2013/076836)
[87] (WO2014/100550)
[30] US (13/725,998) 2012-12-21

[11] **2,892,549**
[13] C
[51] **Int.Cl. F15D 1/02 (2006.01) F17D 1/17 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **FLOW CONDITIONER WITH INTEGRAL VANES**
[54] **CLIMATISATION A FLUX DOTEE D'AUBES INTEGRALES**
[72] SAWCHUK, DANIEL, CA
[72] SELIRIO, REGINALD, CA
[73] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
[85] 2015-05-26
[86] 2014-01-13 (PCT/CA2014/050017)
[87] (WO2014/110673)
[30] US (61/753,547) 2013-01-17

[11] **2,894,258**
[13] C
[51] **Int.Cl. A46B 15/00 (2006.01) A46B 5/00 (2006.01) A47L 13/512 (2006.01) A47L 13/52 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL BROOM**
[54] **BALAI MULTIFONCTIONNEL**
[72] ZHU, XUELIN, CN
[72] SONG, JIANWEI, CN
[73] JIAXING JACKSON TRAVEL PRODUCTS CO., LTD., CN
[85] 2015-06-10
[86] 2015-06-07 (PCT/CN2015/080951)
[87] (2894258)
[30] CN (201420528143.5) 2014-12-09

[11] **2,894,384**
[13] C
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/44 (2006.01) A61K 31/4748 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **BIOMARKER PREDICTIVE OF RESPONSIVENESS TO ALPHA 7 NICOTINIC ACETYLCHOLINE RECEPTOR ACTIVATOR TREATMENT**
[54] **BIOMARQUEUR DE PREDICTION DE LA SENSIBILITE A UN TRAITEMENT PAR UN ACTIVATEUR DU RECEPTEUR ALPHA 7 NICOTINIQUE DE L'ACETYLCHOLINE**
[72] FEUERBACH, DOMINIK, CH
[72] GOMEZ-MANCILLA, BALTAZAR, CH
[72] HE, YUNSHENG, US
[72] JOHNS, DONALD, US
[72] LOPEZ-LOPEZ, CRISTINA, CH
[72] MCALLISTER, KEVIN HALL, CH
[72] PEZOUS, NICOLE, CH
[72] SANDFORD, LISA, CH
[72] WEISS, MARKUS, CH
[73] NOVARTIS AG, CH
[85] 2015-06-09
[86] 2013-12-09 (PCT/IB2013/060744)
[87] (WO2014/091388)
[30] US (61/735,720) 2012-12-11

[11] **2,895,762**
[13] C
[51] **Int.Cl. C04B 28/04 (2006.01) C04B 18/04 (2006.01) C04B 26/02 (2006.01) C04B 28/22 (2006.01)**
[25] EN
[54] **FAST-CURING PERVIOUS CONCRETE MIX**
[54] **MELANGE DE BETON PERMEABLE A DURCISSEMENT RAPIDE**
[72] KRIPAVICIUS, ED, US
[73] HANSON AGGREGATES LLC, US
[85] 2015-06-18
[86] 2013-12-20 (PCT/US2013/076804)
[87] (WO2014/100538)
[30] US (61/740,863) 2012-12-21
[30] US (14/134,659) 2013-12-19

[11] **2,896,406**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING SENSOR-BASED LOCATION PROXIMITY DETECTION AND NOTIFICATION**
[54] **SYSTEMES ET METHODES DE DETECTION DE PROXIMITE D'EMPLACEMENT FONDEE SUR UN CAPTEUR ET NOTIFICATION ASSOCIEE**
[72] DEL VECCHIO, ORIN, CA
[72] VAN HEERDEN, LAUREN, US
[72] NADARAJAH, GUNALAN, CA
[72] BARNETT, JONATHAN K., CA
[72] METWALLI, ASHRAF, CA
[72] DANIELAK, JAKUB, CA
[72] LOUGHRY, MICHAEL, CA
[72] SIEGEL, DANIEL M., CA
[72] SAWTSCHUK, NIKOLAS, CA
[72] MEHRABI, SULTAN, CA
[72] CHAN, PAUL MON-WAH, CA
[72] HAMILTON, MATTHEW, CA
[72] MORETTI, CHRISTIANNE, CA
[72] BARBON, JOHN, CA
[73] THE TORONTO-DOMINION BANK, CA
[86] (2896406)
[87] (2896406)
[22] 2015-07-08
[30] US (62/022,119) 2014-07-08

[11] **2,896,738**
[13] C
[51] **Int.Cl. A01K 11/00 (2006.01)**
[25] EN
[54] **ANIMAL IDENTIFICATION SYSTEM INCLUDING A MALE PORTION, FEMALE PORTION AND REMOVABLE DEVICE FOR STORING A SAMPLE**
[54] **SYSTEME D'IDENTIFICATION ANIMALE COMPRENANT UNE PARTIE MALE, UNE PARTIE FEMELLE ET UN DISPOSITIF AMOVIBLE DE STOCKAGE D'UN ECHANTILLON**
[72] DECALUWE, JOHAN, FR
[72] HILPERT, JEAN-JACQUES, FR
[72] TEYCHENE, BRUNO, FR
[72] DE MEULEMEESTER, JOHAN, BE
[72] DESTOUMIEUX, JEAN-JACQUES, FR
[73] ALLFLEX EUROPE, FR
[85] 2015-06-26
[86] 2014-02-06 (PCT/EP2014/052348)
[87] (WO2014/124863)
[30] FR (1351171) 2013-02-12

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[11] **2,896,882**
[13] C
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/08 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CHITIN NANOCRYSTAL CONTAINING WELLBORE FLUIDS**
[54] **FLUIDES POUR TROUS DE FORAGE CONTENANT DES NANOCRISTAUX DE CHITINE**
[72] HALL, LEE JEREMY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-29
[86] 2014-02-12 (PCT/US2014/016084)
[87] (WO2014/133765)
[30] US (13/780,606) 2013-02-28

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[11] **2,896,936**
[13] C
[51] **Int.Cl. A61K 33/14 (2006.01) A61K 31/70 (2006.01) A61P 15/02 (2006.01)**
[25] EN
[54] **A USE OF THE MIXTURE OF A SALT AND SUGAR IN THE MANUFACTURE OF A MEDICAMENT EMPLOYED FOR TREATING LAX VAGINA SYNDROME OR COLPOXEROSIS DISEASE IN A MAMMAL**
[54] **UTILISATION DU MELANGE D'UN SEL ET D'UN SUCRE DANS LA FABRICATION D'UN MEDICAMENT UTILISE POUR TRAITER LE SYNDROME DU VAGIN RELACHE OU LA COLPOXEROSE CHEZ UN MAMMIFERE**
[72] CHOI, WON SEOG, KR
[72] KWON, DONG-YEUL, KR
[73] CHOI, WON SEOG, KR
[85] 2015-06-30
[86] 2014-09-02 (PCT/KR2014/008180)
[87] (WO2015/050324)
[30] KR (10-2013-0117300) 2013-10-01
[30] KR (10-2014-0053161) 2014-05-02

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[11] **2,896,945**
[13] C
[51] **Int.Cl. E06B 1/04 (2006.01) E05B 1/00 (2006.01) E05B 65/08 (2006.01) E06B 3/42 (2006.01)**
[25] EN
[54] **RECESSED HANDLE FOR SLIDING WINDOW AND DOOR**
[54] **POIGNEE ENCASTREE POUR FENETRE OU PORTE COULISSANTE**
[72] FONTIJN, MARCEL, US
[73] GOLDBRECHT INC., US
[85] 2015-04-20
[86] 2014-11-10 (PCT/US2014/064747)
[87] (WO2016/076821)

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[11] **2,897,510**
[13] C
[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **METHODS AND NODES FOR DETECTNG ACTIVATION OF SERVING CELL**
[54] **PROCEDES ET N□UDS POUR DETECTER UNE ACTIVATION D'UNE CELLULE DE DESSERTE**
[72] FOLKE, MATS, SE
[72] BERGSTROM, MATTIAS, SE
[72] KAZMI, MUHAMMAD, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2015-07-07
[86] 2014-01-16 (PCT/SE2014/050039)
[87] (WO2014/112936)
[30] US (61/754,285) 2013-01-18

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[11] **2,897,598**
[13] C
[51] **Int.Cl. F25D 15/00 (2006.01) B63J 2/00 (2006.01) B63J 2/08 (2006.01) F25B 1/00 (2006.01)**
[25] EN
[54] **MODULAR REFRIGERATION SYSTEM, E.G., FOR SHIPS**
[54] **SYSTEME DE REFRIGERATION MODULAIRE, NOTAMMENT POUR BATEAUX**
[72] SAN CRISTOBAL, AUGUSTO, CA
[73] BRONSWERK MARINE INC., CA
[86] (2897598)
[87] (2897598)
[22] 2015-07-16
[30] US (62/025,291) 2014-07-16

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[11] **2,897,867**
[13] C
[51] **Int.Cl. F16L 29/04 (2006.01) F16L 55/10 (2006.01)**
[25] EN
[54] **BREAKAWAY COUPLING**
[54] **RACCORD A SEPARATION DE SURETE**
[72] VON KEITZ, ANDREAS, DE
[73] VON KEITZ, ANDREAS, DE
[85] 2015-07-10
[86] 2014-01-03 (PCT/EP2014/050050)
[87] (WO2014/111278)
[30] DE (10 2013 100 483.0) 2013-01-17

[11] **2,898,094**
[13] C
[51] **Int.Cl. B60G 9/04 (2006.01) B60B 35/12 (2006.01)**
[25] EN
[54] **TORSION BEAM, TORSION BEAM ASSEMBLY, AND TORSION BEAM TYPE SUSPENSION SYSTEM**
[54] **LONGERON DE TORSION, ENSEMBLE LONGERON DE TORSION ET DISPOSITIF DE SUSPENSION DU TYPE A LONGERON DE TORSION**
[72] KAWACHI, TAKESHI, JP
[72] SAKURADA, EISAKU, JP
[72] FUKUSHI, TAKAAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-07-13
[86] 2013-01-30 (PCT/JP2013/052070)
[87] (WO2014/118915)

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[11] **2,898,425**
[13] C
[51] **Int.Cl. F27D 1/10 (2006.01) C04B 35/66 (2006.01) F27D 1/14 (2006.01)**
[25] EN
[54] **MONOLITHIC REFRACTORY STRUCTURE**
[54] **STRUCTURE REFRACTAIRE MONOLITHIQUE**
[72] KOHNO, KOHJI, JP
[72] TSUKIGASE, HIROKI, JP
[72] ISHIKAWA, RYUICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-07-16
[86] 2014-01-29 (PCT/JP2014/052010)
[87] (WO2014/119632)
[30] JP (2013-014504) 2013-01-29

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[11] **2,900,153**
[13] C
[51] **Int.Cl. B65D 41/20 (2006.01) B65D 47/36 (2006.01)**
[25] EN
[54] **CONTAINER WITH IRREMOVABLE CLOSURE TO FACILITATE DISPENSATION OF CONTENTS**
[54] **RECIPIENT DOTE D'UNE FERMETURE INAMOVIBLE POUR FACILITER LA DISTRIBUTION D'UN CONTENU**
[72] BRADLEY, MARK ANTHONY, IE
[73] BRADLEY, MARK ANTHONY, IE
[85] 2015-08-04
[86] 2014-02-03 (PCT/IB2014/000208)
[87] (WO2014/118628)
[30] GB (1301944.3) 2013-02-04
[30] GB (1306229.4) 2013-04-06
[30] GB (1306672.5) 2013-04-12
[30] GB (1311661.1) 2013-06-28
[30] GB (1320532.3) 2013-11-20

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[11] **2,900,370**
[13] C
[51] **Int.Cl. H02K 19/38 (2006.01) H02K 11/05 (2016.01) H02K 9/06 (2006.01)**
[25] EN
[54] **BRUSHLESS ALTERNATOR WITH CLAW POLE ROTOR**
[54] **ALTERNATEUR SANS BALAI AVEC ROTOR A POLES A GRIFFES**
[72] POPOV, ENCHO NIKOLOV, BG
[73] ALMOTT LTD., BG
[85] 2015-08-11
[86] 2014-09-12 (PCT/BG2014/000033)
[87] (WO2016/037243)
[30] BG (111823) 2014-09-12

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[11] **2,900,593**
[13] C
[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **DESIGN FOR SMALL CELL DEMODULATION REFERENCE SIGNAL AND INITIAL SYNCHRONIZATION**
[54] **CONCEPT DE SIGNAL DE REFERENCE DE DEMODULATION DE PETITE CELLULE ET DE SYNCHRONISATION INITIALE**
[72] XU, HUA, CA
[72] GAO, SHIWEI, CA
[72] ZHU, YAJUN, CN
[72] CAI, ZHIJUN, US
[72] BONTU, CHANDRA SEKHAR, CA
[72] SONG, YI, US
[73] BLACKBERRY LIMITED, CA
[85] 2015-08-06
[86] 2013-02-14 (PCT/US2013/026201)
[87] (WO2014/126573)

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[11] **2,901,720**
[13] C
[51] **Int.Cl. H01F 38/14 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR POWER TRANSFER THROUGH HIGH PERMEABILITY MATERIALS**
[54] **PROCEDE ET APPAREIL POUR LE TRANSFERT D'ENERGIE A TRAVERS DES MATERIAUX A FORTE PERMEABILITE**
[72] JASKOLSKI, COREY, US
[72] MULHOLLAND, JOHN J., GB
[73] FMC TECHNOLOGIES, INC., US
[85] 2015-08-18
[86] 2013-02-26 (PCT/US2013/027735)
[87] (WO2014/133480)

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[11] **2,901,732**
[13] C
[51] **Int.Cl. G02F 1/133 (2006.01) G02C 7/10 (2006.01) G02F 1/13 (2006.01)**
[25] EN
[54] **OPTICAL DEVICE**
[54] **DISPOSITIF OPTIQUE**
[72] IIGAHAMA, YUKIO, JP
[72] DOGEN, YUTA, JP
[72] SASAGAWA, MASAYUKI, JP
[73] COLORLINK JAPAN, LTD., JP
[85] 2015-08-18
[86] 2012-12-03 (PCT/JP2012/007747)
[87] (WO2014/087448)

[11] **2,901,963**
[13] C
[51] **Int.Cl. B05D 7/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR COATING SUBSTRATES**
[54] **PROCEDES ET COMPOSITIONS POUR REVETIR DES SUBSTRATS**
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[72] SADVARY, RICHARD J., US
[72] CHASSER, ANTHONY M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-08-19
[86] 2014-02-25 (PCT/US2014/018319)
[87] (WO2014/134039)
[30] US (13/780,540) 2013-02-28

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[11] **2,902,532**
[13] C
[51] **Int.Cl. H04B 1/00 (2006.01) H04L 27/00 (2006.01) H04L 27/14 (2006.01)**
[25] EN
[54] **MULTICHANNEL RADIO RECEIVER WITH OVERLAPPING CHANNEL FILTERS**
[54] **RECEPTEUR RADIO MULTICANAUX A FILTRES DE CANAUX SE CHEVAUCHANT**
[72] SEELY, DANNY RAY, US
[73] ITRON, INC., US
[85] 2015-08-25
[86] 2014-02-25 (PCT/US2014/018413)
[87] (WO2014/131039)
[30] US (13/776,476) 2013-02-25
[30] US (13/776,587) 2013-02-25
[30] US (13/776,562) 2013-02-25
[30] US (13/776,505) 2013-02-25
[30] US (13/776,528) 2013-02-25
[30] US (13/776,548) 2013-02-25
[30] US (13/776,575) 2013-02-25

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[11] **2,902,534**
[13] C
[51] **Int.Cl. H04B 1/00 (2006.01) H04W 16/14 (2009.01) H04W 28/18 (2009.01) H04W 52/20 (2009.01) H04L 1/00 (2006.01) H04L 27/00 (2006.01) H04L 27/14 (2006.01)**
[25] EN
[54] **REAL-TIME RADIO SPECTRUM ASSESSMENT ENGINE**
[54] **MOTEUR D'EVALUATION DE SPECTRE RADIO EN TEMPS REEL**
[72] SEELY, DANNY RAY, US
[72] SANDERS, JEFFREY STEELE, US
[73] ITRON, INC., US
[85] 2015-08-25
[86] 2014-02-25 (PCT/US2014/018429)
[87] (WO2014/131047)
[30] US (13/776,562) 2013-02-25
[30] US (13/776,528) 2013-02-25
[30] US (13/776,476) 2013-02-25
[30] US (13/776,575) 2013-02-25
[30] US (13/776,587) 2013-02-25
[30] US (13/776,548) 2013-02-25
[30] US (13/776,505) 2013-02-25

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[11] **2,902,536**
[13] C
[51] **Int.Cl. H04B 1/00 (2006.01) H04L 27/00 (2006.01) H04L 27/14 (2006.01)**
[25] EN
[54] **RADIO WITH ANALOG-TO-DIGITAL SAMPLE RATE DECOUPLED FROM DIGITAL SUBSYSTEM**
[54] **RADIO A FREQUENCE D'ECHANTILLONNAGE ANALOGIQUE NUMERIQUE DECOUPLEE D'UN SOUS-SYSTEME NUMERIQUE**
[72] SEELY, DANNY RAY, US
[73] ITRON, INC., US
[85] 2015-08-25
[86] 2014-02-25 (PCT/US2014/018433)
[87] (WO2014/131049)
[30] US (13/776,587) 2013-02-25
[30] US (13/776,548) 2013-02-25
[30] US (13/776,575) 2013-02-25
[30] US (13/776,528) 2013-02-25
[30] US (13/776,505) 2013-02-25
[30] US (13/776,562) 2013-02-25
[30] US (13/776,476) 2013-02-25

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[11] **2,902,537**
[13] C
[51] **Int.Cl. H04B 1/00 (2006.01) H04L 27/00 (2006.01) H04L 27/14 (2006.01)**
[25] EN
[54] **RADIO TO SUPPORT CHANNEL PLANS OF ARBITRARY WIDTH AND/OR SPACING**
[54] **RADIO POUR SUPPORTER DES PLANS DE CANAUX DE LARGEUR ET/OU ESPACE ARBITRAIRE**
[72] SEELY, DANNY RAY, US
[72] MCNAMEE, MICHAEL DAVID, US
[73] ITRON, INC., US
[85] 2015-08-25
[86] 2014-02-25 (PCT/US2014/018436)
[87] (WO2014/131051)
[30] US (13/776,476) 2013-02-25
[30] US (13/776,562) 2013-02-25
[30] US (13/776,587) 2013-02-25
[30] US (13/776,505) 2013-02-25
[30] US (13/776,528) 2013-02-25
[30] US (13/776,548) 2013-02-25
[30] US (13/776,575) 2013-02-25

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[11] **2,902,539**
[13] C
[51] **Int.Cl. H04B 1/00 (2006.01) H04W 16/14 (2009.01) H04W 28/18 (2009.01) H04W 52/20 (2009.01) H03M 13/37 (2006.01) H04L 1/00 (2006.01) H04L 27/00 (2006.01) H04L 27/14 (2006.01)**
[25] EN
[54] **RADIO TO DETECT AND COMPENSATE FOR FREQUENCY MISALIGNMENT**
[54] **RADIO PERMETTANT DE DETECTER ET DE COMPENSER UN DESALIGNEMENT DE FREQUENCES**
[72] SEELY, DANNY RAY, US
[73] ITRON, INC., US
[85] 2015-08-25
[86] 2014-02-25 (PCT/US2014/018440)
[87] (WO2014/131053)
[30] US (13/776,575) 2013-02-25
[30] US (13/776,562) 2013-02-25
[30] US (13/776,476) 2013-02-25
[30] US (13/776,505) 2013-02-25
[30] US (13/776,528) 2013-02-25
[30] US (13/776,548) 2013-02-25
[30] US (13/776,587) 2013-02-25

[11] **2,902,551**
[13] C
[51] **Int.Cl. H04B 1/00 (2006.01) H04L 27/00 (2006.01) H04L 27/14 (2006.01)**
[25] EN
[54] **SIMULTANEOUS RECEPTION OF MULTIPLE MODULATION SCHEMES**
[54] **RECEPTION SIMULTANEE DE MULTIPLES SCHEMAS DE MODULATION**
[72] SEELY, DANNY RAY, US
[73] ITRON, INC., US
[85] 2015-08-25
[86] 2014-02-25 (PCT/US2014/018423)
[87] (WO2014/131045)
[30] US (13/776,575) 2013-02-25
[30] US (13/776,476) 2013-02-25
[30] US (13/776,505) 2013-02-25
[30] US (13/776,528) 2013-02-25
[30] US (13/776,548) 2013-02-25
[30] US (13/776,562) 2013-02-25
[30] US (13/776,587) 2013-02-25

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[11] **2,903,385**
[13] C
[51] **Int.Cl. F17C 13/08 (2006.01) F17C 3/04 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE LIQUID TANK**
[54] **RESERVOIR DE LIQUIDE A BASSE TEMPERATURE**
[72] SUGIURA, SHINYA, JP
[72] TAKAHASHI, MASAKI, JP
[72] NAKAMURA, TOMOHIKO, JP
[73] IHI CORPORATION, JP
[85] 2015-09-01
[86] 2013-12-05 (PCT/JP2013/082743)
[87] (WO2014/155843)
[30] JP (2013-071115) 2013-03-29

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[11] **2,903,458**
[13] C
[51] **Int.Cl. G06N 7/00 (2006.01) G01J 3/46 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING A COATING FORMULATION**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION D'UNE FORMULE DE REVETEMENT**
[72] BEYMORE, PAUL M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-01
[86] 2014-03-10 (PCT/US2014/022369)
[87] (WO2014/150142)
[30] US (13/832,554) 2013-03-15

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[11] **2,903,466**
[13] C
[51] **Int.Cl. G06N 7/00 (2006.01) G01J 3/46 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TEXTURE ASSESSMENT OF A COATING FORMULATION**
[54] **SYSTEMES ET PROCEDES POUR L'EVALUATION DE TEXTURE D'UNE FORMULATION DE REVETEMENT**
[72] BEYMORE, PAUL M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-01
[86] 2014-03-11 (PCT/US2014/022983)
[87] (WO2014/150337)
[30] US (13/835,675) 2013-03-15

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[11] **2,903,641**
[13] C
[51] **Int.Cl. H01M 8/04111 (2016.01) H01M 8/04492 (2016.01) H01M 8/2457 (2016.01) B60L 11/18 (2006.01)**
[25] EN
[54] **FUEL CELL WITH TURBOCOMPRESSOR DISCHARGE CONTROL**
[54] **PILE A COMBUSTIBLE DOTEE D'UNE COMMANDE DE DECHARGE DE TURBOCOMPRESSEUR**
[72] IIO, ATSUO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2903641)
[87] (2903641)
[22] 2015-09-08
[30] JP (2014-225638) 2014-11-05

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[11] **2,903,898**
[13] C
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 21/234 (2011.01) H04N 21/242 (2011.01) H04N 19/42 (2014.01)**
[25] EN
[54] **DECODING AND DISPLAY DELAY ERROR CORRECTION IN A SPLICED VIDEO WHEN PICTURES HAVE BEEN DISCARDED**
[54] **DECODAGE ET CORRECTION D'ERREUR DE RETARD D'AFFICHAGE DANS UNE VIDEO EPISSEE LORSQUE DES IMAGES ONT ETE ENLEVEES**
[72] KAZUI, KIMIHIKO, JP
[72] SHIMADA, SATOSHI, JP
[72] KOYAMA, JUNPEI, JP
[73] FUJITSU LIMITED, JP
[86] (2903898)
[87] (2903898)
[22] 2013-06-28
[62] 2,819,674
[30] JP (2012-148849) 2012-07-02

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[11] **2,905,050**
[13] C
[51] **Int.Cl. A61B 34/20 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM TO FACILITATE INTRAOPERATIVE POSITIONING AND GUIDANCE**
[54] **PROCEDE ET SYSTEME DESTINES A FACILITER LE GUIDAGE ET LE POSITIONNEMENT PEROPERATOIRES**
[72] WEST, KARL, US
[72] GOEL, VIKASH, US
[72] FOSTER, JAMES, US
[73] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2015-09-09
[86] 2014-03-13 (PCT/US2014/026174)
[87] (WO2014/151651)
[30] US (61/787,762) 2013-03-15
[30] US (61/914,700) 2013-12-11

[11] **2,906,021**
[13] C
[51] **Int.Cl. H04W 16/26 (2009.01) H04W 36/32 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MOBILE DATA EXPANSION**
[54] **SYSTEME ET PROCEDE POUR UNE DECOMPRESSION DE DONNEES MOBILES**
[72] BERRY, TERRANCE, US
[73] NEUTRONIC PERPETUAL INNOVATIONS, LLC, US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/028579)
[87] (WO2014/144250)
[30] US (13/840,578) 2013-03-15

[11] **2,907,629**
[13] C
[51] **Int.Cl. H01S 3/07 (2006.01) G02B 6/00 (2006.01) G02B 6/02 (2006.01) H01S 3/067 (2006.01)**
[25] EN
[54] **OPTICAL FIBER AND LASER OSCILLATOR USING SAME**
[54] **FIBRE OPTIQUE ET LASER OSCILLATEUR LA COMPRENANT**
[72] SCHAEFER, CHRISTIAN, JP
[72] MURAKAMI, MASANAO, JP
[73] MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD., JP
[85] 2015-09-17
[86] 2014-03-20 (PCT/JP2014/057806)
[87] (WO2014/156972)
[30] JP (2013-067938) 2013-03-28

[11] **2,909,511**
[13] C
[51] **Int.Cl. G03G 9/08 (2006.01) G03G 9/087 (2006.01) G03G 9/10 (2006.01)**
[25] EN
[54] **TONER COMPRISING A COLORANT, A RESIN AND A RELEASING AGENT, AND TWO-COMPONENT DEVELOPER**
[54] **ENCRE SECHE RENFERMANT UN COLORANT, UNE RESINE ET UN AGENT DE LIBERATION ET UN AGENT DE DEVELOPPEMENT A DEUX COMPOSANTES**
[72] KUMAI, MIO, JP
[72] SUGIURA, HIDEKI, JP
[72] MIZOGUCHI, YUKA, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-10-14
[86] 2014-04-25 (PCT/JP2014/062211)
[87] (WO2014/175469)
[30] JP (2013-094681) 2013-04-26
[30] JP (2014-035388) 2014-02-26

[11] **2,909,553**
[13] C
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 38/14 (2006.01) A61P 31/04 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **SPRAY-DRIED POWDER COMPRISING VANCOMYCIN HYDROCHLORIDE, AND INDUSTRIAL MANUFACTURING METHOD THEREOF**
[54] **POUDRE DESSECHEE PAR PULVERISATION COMPRENANT DU CHLORHYDRATE DE VANCOMYCINE, ET SON PROCEDE DE FABRICATION INDUSTRIELLE**
[72] SUN, XINQIANG, CN
[72] ZHAO, JUNXING, CN
[73] SUN, XINQIANG, CN
[73] ZHAO, JUNXING, CN
[85] 2015-10-15
[86] 2014-03-14 (PCT/CN2014/000268)
[87] (WO2014/139329)
[30] CN (201310085761.7) 2013-03-15

[11] **2,909,836**
[13] C
[51] **Int.Cl. H01M 8/0432 (2016.01) H01M 8/04746 (2016.01) H01M 8/04858 (2016.01)**
[25] EN
[54] **OPERATION CONTROL METHOD OF FUEL CELL AND OPERATION CONTROL APPARATUS OF FUEL CELL**
[54] **METHODE DE COMMANDE DE FONCTIONNEMENT D'UNE PILE A COMBUSTIBLE ET APPAREIL DE COMMANDE DE FONCTIONNEMENT DE PILE A COMBUSTIBLE**
[72] NAGANUMA, YOSHIAKI, JP
[72] TOIDA, MASASHI, JP
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909836)
[87] (2909836)
[22] 2015-10-20
[30] JP (2014-227684) 2014-11-10

[11] **2,910,009**
[13] C
[51] **Int.Cl. B01D 35/30 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **OIL FILTER CONSTRUCTION FOR INTERNAL COMBUSTION ENGINES AND FOR MACHINES INCLUDING OLEODYNAMIC CIRCUITS**
[54] **CONSTRUCTION DE FILTRE A HUILE POUR DES MOTEURS A COMBUSTION INTERNE ET POUR DES MACHINES COMPORTANT DES CIRCUITS OLEODYNAMIQUES**
[72] BOLDINI, ERMINIO DONALD, IT
[73] FAI FILTRI S.R.L., IT
[85] 2015-10-21
[86] 2014-05-14 (PCT/IB2014/000724)
[87] (WO2014/184637)
[30] IT (MI2013U000193) 2013-05-15

[11] **2,910,135**
[13] C
[51] **Int.Cl. H04N 7/08 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL POUR EMETTRE ET RECEVOIR DES SIGNAUX DE DIFFUSION, PROCEDE POUR EMETTRE ET RECEVOIR DES SIGNAUX DE DIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] KWAK, KOOKYEON, KR
[72] KIM, BYOUNGGILL, KR
[72] KIM, WOOCHAN, KR
[72] HONG, SUNGRYONG, KR
[72] KO, WOOSUK, KR
[72] MOON, SANGCHUL, KR
[72] MUN, CHULKYU, KR
[72] SHIN, JONGWOONG, KR
[72] KIM, JAEHYUNG, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-10-19
[86] 2014-05-07 (PCT/KR2014/004004)
[87] (WO2014/182038)
[30] US (61/820,714) 2013-05-08

[11] **2,910,295**
[13] C
[51] **Int.Cl. G01K 1/08 (2006.01) G01J 5/04 (2006.01)**
[25] EN
[54] **PROBE COVER WITH MATCHING FEATURE FOR A MEDICAL THERMOMETER**
[54] **CAPUCHON DE SONDE AVEC CARACTERISTIQUE D'APPARIEMENT POUR UN THERMOMETRE MEDICAL**
[72] FRADEN, JACOB, US
[73] HELEN OF TROY LIMITED, BB
[86] (2910295)
[87] (2910295)
[22] 2009-12-24
[62] 2,750,838
[30] US (61/203,641) 2008-12-29

[11] **2,910,493**
[13] C
[51] **Int.Cl. C23C 20/04 (2006.01) C09D 11/52 (2014.01) C23C 18/40 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING THIN FILMS ON LOW TEMPERATURE SUBSTRATES**
[54] **PROCEDE POUR REDUIRE DES FILMS MINCES SUR DES SUBSTRATS A BASSE TEMPERATURE**
[72] POPE, DAVE S., US
[72] SCHRODER, KURT A., US
[72] RAWSON, IAN M., US
[73] NCC NANO, LLC, US
[86] (2910493)
[87] (2910493)
[22] 2009-03-25
[62] 2,740,618
[30] US (61/196,531) 2008-10-17

[11] **2,910,574**
[13] C
[51] **Int.Cl. A21B 1/00 (2006.01)**
[25] EN
[54] **PRESSURIZED OVEN ASSEMBLY**
[54] **ENSEMBLE FOUR SOUS PRESSION**
[72] SANSEVERINO, MICHAEL GARY, US
[73] KITCHENTEK LLC, US
[85] 2015-10-23
[86] 2014-04-28 (PCT/US2014/035679)
[87] (WO2014/176592)
[30] CN (201310152192.3) 2013-04-27
[30] CN (201320223136.X) 2013-04-27
[30] CN (201320223135.5) 2013-04-27
[30] CN (201320223134.0) 2013-04-27
[30] CN (201320222654.X) 2013-04-27
[30] CN (201320223133.6) 2013-04-27
[30] CN (201320223132.1) 2013-04-27
[30] CN (201320223131.7) 2013-04-27
[30] CN (201330145894.X) 2013-04-27
[30] US (13/913,112) 2013-06-07

[11] **2,911,223**
[13] C
[51] **Int.Cl. D21H 11/18 (2006.01) B02C 19/06 (2006.01) D21H 15/02 (2006.01)**
[25] EN
[54] **DEVICE FOR PREPARING NANOFRAGMENTED PRODUCT AND METHOD FOR PREPARING NANOFRAGMENTED PRODUCT**
[54] **APPAREIL POUR FABRIQUER UN PRODUIT NANO-PULVERISE ET PROCEDE POUR FABRIQUER UN PRODUIT NANO-PULVERISE**
[72] TANAKA, HIROYUKI, JP
[72] HASHIBA, HIROMI, JP
[73] CHUETSU PULP & PAPER CO., LTD., JP
[85] 2015-11-02
[86] 2014-12-24 (PCT/JP2014/084039)
[87] (WO2015/098909)
[30] JP (2013-266685) 2013-12-25
[30] JP (2014-164339) 2014-08-12

[11] **2,911,458**
[13] C
[51] **Int.Cl. H01M 4/1397 (2010.01)**
[25] EN
[54] **PREPARATION METHOD OF BATTERY COMPOSITE MATERIAL AND PRECURSOR THEREOF**
[54] **PROCEDE DE PREPARATION DE MATERIAU COMPOSITE DE BATTERIE ET SON PRECURSEUR**
[72] HUNG, CHEN-TSUNG, CN
[72] LIN, CHI-YEN, CN
[72] HUANG, AN-FENG, CN
[73] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD., CN
[85] 2015-11-05
[86] 2014-05-08 (PCT/CN2014/077080)
[87] (WO2014/180333)
[30] US (61/820,939) 2013-05-08

[11] **2,912,181**
[13] C
[51] **Int.Cl. B25C 1/00 (2006.01)**
[25] EN
[54] **DRIVING TOOL FOR DRIVING FASTENING MEANS INTO A WORKPIECE**
[54] **OUTIL D'ENTRAINEMENT POUR L'ENTRAINEMENT D'UN MOYEN DE FIXATION DANS UNE PIECE**
[72] WEIGMANN, TORSTEN, DE
[72] VON SOEST, KLAUS, DE
[72] HAEHNDEL, OLAF, DE
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-11-10
[86] 2014-04-23 (PCT/US2014/035111)
[87] (WO2014/209482)
[30] DE (10 2013 106 657.7) 2013-06-25

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[11] **2,912,388**
[13] C
[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **MECHANICAL FRICTION ENHANCEMENT FOR THREADED CONNECTION INCORPORATING MICRO-THREADS**
[54] **AMELIORATION DU FROTTEMENT MECANIQUE POUR UN RACCORD FILETE QUI COMPREND DES MICRO-FILETAGES**
[72] MARICI, PAUL PAIA, US
[72] CARNEY, CHRISTOPHER, US
[73] BECTON DICKINSON AND COMPANY LTD., IE
[85] 2015-11-12
[86] 2014-05-16 (PCT/US2014/038379)
[87] (WO2014/186701)
[30] US (61/824,172) 2013-05-16
[30] US (14/278,841) 2014-05-15

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[11] **2,912,427**
[13] C
[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **MECHANICAL FRICTION ENHANCEMENT FOR THREADED CONNECTION INCORPORATING OPPOSING BARB**
[54] **AMELIORATION DU FROTTEMENT MECANIQUE POUR UN RACCORD FILETE QUI COMPREND UN RACCORD OPPOSE**
[72] CARNEY, CHRISTOPHER, US
[72] CEDERSCHIOLD, ALEXANDER, SE
[72] GILBERT, ANGELA, US
[73] BECTON DICKINSON AND COMPANY LTD., IE
[85] 2015-11-12
[86] 2014-05-16 (PCT/US2014/038358)
[87] (WO2014/186685)
[30] US (61/824,163) 2013-05-16
[30] US (14/278,876) 2014-05-15

---

[11] **2,913,109**
[13] C
[51] **Int.Cl. F24H 9/20 (2006.01) F24D 19/10 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING CASCADE BOILER SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE CHAUDIERES EN CASCADE**
[72] RYU, SUNG HOON, KR
[73] KYUNG DONG ONE CORPORATION, KR
[85] 2015-11-19
[86] 2014-05-21 (PCT/KR2014/004543)
[87] (WO2014/189288)
[30] KR (10-2013-0059018) 2013-05-24

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[11] **2,913,320**
[13] C
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 19/24 (2006.01) E21B 29/08 (2006.01)**
[25] EN
[54] **EXPANDABLE BULLNOSE ASSEMBLY FOR USE WITH A WELLBORE DEFLECTOR**
[54] **ENSEMBLE GUIDE DE TETE EXPANSIBLE POUR UTILISATION AVEC UN DEFLECTEUR DE PUITS DE FORAGE**
[72] STOKES, MATTHEW BRADLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-23
[86] 2013-07-25 (PCT/US2013/052105)
[87] (WO2015/012848)

---

[11] **2,913,597**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **SINGLE SERVE CAPSULE HAVING A LIQUID DISTRIBUTOR**
[54] **CAPSULE DE DOSAGE POURVUE D'UN DISTRIBUTEUR DE LIQUIDE**
[72] EMPL, GUNTER, DE
[72] KRUGER, MARC, DE
[73] K-FEE SYSTEM GMBH, DE
[85] 2015-11-25
[86] 2014-05-27 (PCT/EP2014/060954)
[87] (WO2014/191413)
[30] DE (10 2013 210 031.0) 2013-05-29
[30] DE (10 2013 225 779.1) 2013-12-12
[30] DE (10 2014 100 689.5) 2014-01-22

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[11] **2,914,055**
[13] C
[51] **Int.Cl. A46B 9/02 (2006.01) A46B 9/04 (2006.01) A46B 9/06 (2006.01)**
[25] EN
[54] **HEAD FOR AN ORAL CARE IMPLEMENT**
[54] **TETE DESTINEE A UN INSTRUMENT DE SOIN BUCCAL**
[72] JUNGNICKEL, UWE, DE
[72] SCHMID, FRANZISKA, DE
[72] BALLMAIER, KATHI, DE
[72] WASOW, SOREN, DE
[72] HEIL, BENEDIKT, DE
[73] THE GILLETTE COMPANY LLC, US
[85] 2015-11-30
[86] 2014-05-30 (PCT/US2014/040130)
[87] (WO2014/197293)
[30] EP (13170764.8) 2013-06-06

[11] **2,914,142**
[13] C
[51] **Int.Cl. C22B 3/26 (2006.01) C22B 3/00 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **METHOD OF RECOVERING COPPER AND PRECIOUS METALS**
[54] **PROCEDE DE RECUPERATION DE CUIVRE ET DE METAUX PRECIEUX**
[72] VALKAMA, KARI, FI
[72] SINISALO, PIA, FI
[72] KARONEN, JANNE, FI
[72] HIETALA, KARI, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-11-30
[86] 2014-06-06 (PCT/FI2014/050461)
[87] (WO2014/195586)
[30] FI (20135630) 2013-06-07

---

[11] **2,914,348**
[13] C
[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/08 (2012.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD OF MODELLING HYDROCARBON PRODUCTION FROM FRACTURED UNCONVENTIONAL FORMATIONS**
[54] **METHODE DE MODELISATION DE LA PRODUCTION D'HYDROCARBURE DANS LES FORMATIONS NON CONVENTIONNELLES FRACTUREES**
[72] ZENG, FANHUA, CA
[72] WANG, XIANGZENG, CN
[72] GAO, RUIMIN, CN
[72] YAO, SHANSHAN, CA
[72] LIU, HONG, CN
[72] LIANG, QUANSHENG, CN
[73] ZENG, FANHUA, CA
[73] WANG, XIANGZENG, CN
[73] GAO, RUIMIN, CN
[73] YAO, SHANSHAN, CA
[73] LIU, HONG, CN
[73] LIANG, QUANSHENG, CN
[86] (2914348)
[87] (2914348)
[22] 2015-12-10

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[11] **2,914,382**
[13] C
[51] **Int.Cl. A24B 15/10 (2006.01) A24D 1/18 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **DISTILLATION-BASED SMOKING ARTICLE**
[54] **ARTICLE A FUMER A BASE DE DISTILLATION**
[72] MAEDER, SERGE, CH
[72] PIADE, JEAN-JACQUES, CH
[72] POGET, LAURENT EDOUARD, CH
[72] ZUBER, JACQUES ARMAND, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[86] (2914382)
[87] (2914382)
[22] 2008-08-08
[62] 2,696,060
[30] EP (07253142.9) 2007-08-10

---

[11] **2,915,320**
[13] C
[51] **Int.Cl. C01B 19/02 (2006.01)**
[25] FR
[54] **ELEMENTAL SELENIUM NANOPARTICLES AND PRODUCTION METHOD**
[54] **NANOPARTICULES DE SELENIUM ELEMENTAIRE ET PROCEDE DE PREPARATION**
[72] BRAVO, DAVID, CH
[72] MARKUS, LENZ, DE
[73] PANCOSMA SA, CH
[85] 2015-12-11
[86] 2014-06-18 (PCT/EP2014/062865)
[87] (WO2014/202686)
[30] EP (13003121.4) 2013-06-19
[30] FR (13/02552) 2013-11-04

---

[11] **2,915,545**
[13] C
[51] **Int.Cl. B66B 21/12 (2006.01)**
[25] EN
[54] **SAFETY CHAIN FOR AISLE PALLETS FOR TRANSPORTING PEOPLE AND GOODS**
[54] **CHAINE DE SECURITE POUR RACLETTES DE TAPIS POUR LE TRANSPORT DE PERSONNES ET DE MARCHANDISES**
[72] GONZALEZ ALEMANY, MIGUEL ANGEL, ES
[72] GONZALEZ PANTIGA, JUAN DOMINGO, ES
[72] MENDIOLAGOITIA JULIANA, JOSE, ES
[72] PALOMERO COCHO, FRANCISCO, ES
[72] CASTANO LANTERO, AURELIO, ES
[72] MORAN GARCIA, EDUARDO, ES
[72] ROS ZUAZUA, PEDRO, ES
[73] THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A., ES
[85] 2015-12-15
[86] 2014-06-11 (PCT/ES2014/070481)
[87] (WO2015/011313)
[30] ES (P201331142) 2013-07-25

[11] **2,915,780**
[13] C
[51] **Int.Cl. C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/26 (2006.01) C23C 14/02 (2006.01) C23C 14/16 (2006.01) C23C 14/58 (2006.01) C23C 22/60 (2006.01) C23C 22/68 (2006.01) C23C 28/00 (2006.01) C25D 11/34 (2006.01)**
[25] FR
[54] **SHEET METAL TREATMENT METHOD FOR REDUCING BLACKENING OR TARNISHING DURING THE STORAGE THEREOF, AND METAL SHEET TREATED WITH THIS METHOD**
[54] **PROCEDE DE TRAITEMENT D'UNE TOLE POUR REDUIRE SON NOIRCISSEMENT OU SON TERNISSEMENT LORS DE SON STOCKAGE ET TOLE TRAITEE PAR TEL PROCEDE**
[72] CHALEIX, DANIEL, FR
[72] ALLELY, CHRISTIAN, FR
[72] MONNOYER, MAXIME, FR
[72] FELTIN, PASCALE, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2015-12-16
[86] 2014-07-04 (PCT/IB2014/001271)
[87] (WO2015/001419)
[30] IB (PCT/IB2013/001447) 2013-07-04

[11] **2,916,375**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) E21B 43/25 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **METHOD OF BIOLOGICAL PERMEABILITY MODIFICATION OF OIL RESERVOIRS USING RESIDENT MICROORGANISMS AND NUTRIENT SUPPLEMENTATION**
[54] **PROCEDE DE MODIFICATION DE PERMEABILITE BIOLOGIQUE DE RESERVOIRS D'HUILE A L'AIDE DE MICRO-ORGANISMES RESIDENTS ET D'UNE SUPPLEMENTATION DE NUTRIMENT**
[72] SHEEHY, ALAN JAMES (DECEASED), US
[72] GOVREAU, BRADLEY RAY (DECEASED), US
[72] HILL, COLIN KENNETH, US
[72] CARROLL, MICHAEL THOMAS, US
[72] MARCOTTE, BRIAN W. G., US
[73] TITAN OIL RECOVERY, INC., US
[85] 2015-12-18
[86] 2014-06-18 (PCT/US2014/042956)
[87] (WO2014/205087)
[30] US (61/836,394) 2013-06-18
[30] US (14/307,024) 2014-06-17

[11] **2,916,493**
[13] C
[51] **Int.Cl. H01H 45/02 (2006.01) H01H 51/00 (2006.01)**
[25] EN
[54] **HIGH-TEMPERATURE, HIGH-PRESSURE VACUUM RELAY**
[54] **RELAIS A VIDE HAUTE PRESSION, HAUTE TEMPERATURE**
[72] BIRNIE, JASON, US
[72] FRIAS, JOSE, US
[72] GEISS, SUSANNE, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2916493)
[87] (2916493)
[22] 2015-12-30
[30] US (62/105,862) 2015-01-21

[11] **2,916,646**
[13] C
[51] **Int.Cl. E21B 43/38 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FLOW CONTROL DEVICES INCLUDING A SAND SCREEN AND AN INFLOW CONTROL DEVICE FOR USE IN WELLBORES**
[54] **DISPOSITIFS DE CONTROLE DES ECOULEMENTS COMPRENANT UNE CREPINE A SABLES ET UN DISPOSITIF POUR LA MAITRISE DES VENUES, DESTINES A ETRE UTILISES DANS DES TROUS DE FORAGE**
[72] DUPHORNE, DARIN H., US
[72] ANDREW, COLIN P., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-12-22
[86] 2014-06-12 (PCT/US2014/042081)
[87] (WO2015/006012)
[30] US (13/940,906) 2013-07-12

[11] **2,917,080**
[13] C
[51] **Int.Cl. B65C 1/02 (2006.01) B65C 9/18 (2006.01) B65C 9/34 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR LABELLING INDIVIDUAL PACKAGES**
[54] **SYSTEME ET PROCEDE POUR L'ETIQUETAGE D'EMBALLAGES INDIVIDUELS**
[72] HYCA, BOHUMIL, DE
[73] ESPERA-WERKE GMBH, DE
[85] 2015-12-30
[86] 2014-06-13 (PCT/EP2014/062380)
[87] (WO2015/014528)
[30] DE (10 2013 012 726.2) 2013-08-01

[11] **2,917,965**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4709 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 401/10 (2006.01) C07D 405/14 (2006.01) C07D 471/04 (2006.01)**
[25] FR
[54] **NOVEL DERIVATIVES OF INDOLE AND PYRROLE, METHOD FOR THE PRODUCTION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[54] **NOUVEAUX DERIVES D'INDOLE ET DE PYRROLE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[72] CASARA, PATRICK, FR
[72] LE DIGUARHER, THIERRY, FR
[72] HENLIN, JEAN-MICHEL, FR
[72] STARCK, JEROME-BENOIT, FR
[72] LE TIRAN, ARNAUD, FR
[72] DE NANTEUIL, GUILLAUME, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] CHEN, I-JEN, GB
[72] WALMSLEY, CLAIRE, GB
[72] GRAHAM, CHRISTOPHER JOHN, GB
[72] RAY, STUART, GB
[72] MADDOX, DANIEL, GB
[72] BEDFORD, SIMON, GB
[73] LES LABORATOIRES SERVIER, FR
[73] VERNALIS (R&D) LIMITED, GB
[85] 2016-01-11
[86] 2014-07-22 (PCT/FR2014/051884)
[87] (WO2015/011396)
[30] FR (13/57277) 2013-07-23

---

[11] **2,918,423**
[13] C
[51] **Int.Cl. G06F 19/00 (2018.01) G06T 17/05 (2011.01) E21B 43/00 (2006.01)**
[25] EN
[54] **DETERMINING AND DISPLAYING RESERVE ESTIMATES FOR A RESERVOIR**
[54] **REALISATION ET AFFICHAGE D'ESTIMATIONS DES RESERVES POUR UN RESERVOIR**
[72] EWING, MICHAEL DAVID, US
[72] LUNEBURG, CATALINA MARIA, US
[72] IGARASHI, SAMMI, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-14
[86] 2014-08-15 (PCT/US2014/051326)
[87] (WO2015/023973)
[30] US (61/866,901) 2013-08-16

---

[11] **2,918,698**
[13] C
[51] **Int.Cl. A41C 3/06 (2006.01) A41B 11/12 (2006.01)**
[25] FR
[54] **ARTICLE TEXTILE DE LINGERIE A MAINTIEN AMELIORE**
[54] **TEXTILE LINGERIE ITEM WITH IMPROVED HOLD**
[72] TURLAN-VAN DER HOEVEN, MANON, FR
[73] HANES OPERATIONS EUROPE SAS, FR
[85] 2016-01-19
[86] 2014-07-21 (PCT/FR2014/051868)
[87] (WO2015/008006)
[30] FR (13/57128) 2013-07-19

---

[11] **2,918,768**
[13] C
[51] **Int.Cl. C08J 5/12 (2006.01) B32B 27/28 (2006.01)**
[25] EN
[54] **POLYMERIC MATERIALS**
[54] **MATERIAUX POLYMERES**
[72] WOOD, ALAN, GB
[73] VICTREX MANUFACTURING LIMITED, GB
[85] 2016-01-20
[86] 2014-07-14 (PCT/GB2014/052147)
[87] (WO2015/019047)
[30] GB (1314321.9) 2013-08-09

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[11] **2,918,881**
[13] C
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01) E21B 45/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **AUTOMATING DOWNHOLE DRILLING USING WELLBORE PROFILE ENERGY AND SHAPE**
[54] **AUTOMATISATION DE FORAGE DE FOND DE TROU A L'AIDE DE L'ENERGIE DE PROFIL ET DE LA FORME D'UN PUITS DE FORAGE**
[72] SAMUEL, ROBELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-20
[86] 2013-08-30 (PCT/US2013/057498)
[87] (WO2015/030790)

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[11] **2,919,416**
[13] C
[51] **Int.Cl. B23D 23/00 (2006.01) E06B 9/266 (2006.01)**
[25] EN
[54] **CUTTING MACHINE FOR WINDOW COVERING**
[54] **MACHINE DE COUPE DESTINEE A UN REVETEMENT DE FENETRE**
[72] LEE, WEN-YEU, TW
[72] YEH, CHING-FANG, TW
[73] NIEN MADE ENTERPRISE CO., LTD., TW
[86] (2919416)
[87] (2919416)
[22] 2016-02-01

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[11] **2,919,462**
[13] C
[51] **Int.Cl. H02J 7/02 (2016.01) A61N 1/378 (2006.01) H02J 5/00 (2016.01)**
[25] EN
[54] **IMPLANT CHARGING FIELD CONTROL THROUGH RADIO LINK**
[54] **COMMANDE DE CHAMP DE CHARGE D'IMPLANT PAR INTERFACE RADIO**
[72] DEARDEN, BRIAN R., US
[72] SHELTON, BRIAN M., US
[72] WOLFE, JAMES H., US
[73] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
[85] 2016-01-26
[86] 2014-07-29 (PCT/US2014/048747)
[87] (WO2015/017472)
[30] US (61/859,484) 2013-07-29

[11] **2,919,539**
[13] C
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, AND OPTIMIZATION TECHNIQUE TO IMPROVE OIL RESERVOIR RECOVERY IN THE WATER-ALTERNATING-GAS INJECTION PROCESS BY USING DOWNHOLE CONTROL VALVES (WAG-CV)**
[54] **PROCEDE, SYSTEME ET TECHNIQUE D'OPTIMISATION POUR AMELIORER LA RECUPERATION DE PETROLE DE RESERVOIR DANS LE PROCESSUS D'INJECTION ALTERNEE D'EAU ET DE GAZ EN UTILISANT DES SOUPAPES DE REGULATION DE FOND DE PUITS (WAG-CV)**
[72] CARVAJAL, GUSTAVO, US
[72] KONOPCZYNSKI, MICHAEL, US
[72] CHACON, ALEJANDRO, US
[72] KNABE, STEVEN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-26
[86] 2013-11-11 (PCT/US2013/069490)
[87] (WO2015/030846)
[30] US (61/872,477) 2013-08-30

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[11] **2,920,055**
[13] C
[51] **Int.Cl. H02B 13/035 (2006.01) H02B 1/30 (2006.01) H01H 1/00 (2006.01) H01H 9/02 (2006.01)**
[25] EN
[54] **GAS INSULATED SWITCHING DEVICE AND CAMERA SYSTEM FOR OPTICAL CHECK OF SWITCHING POSITION IN THE SWITCHING DEVICE**
[54] **DISPOSITIF DE COMMUTATION A ISOLATION GAZEUSE ET SYSTEME DE CAMERA POUR UN CONTROLE OPTIQUE D'UNE POSITION DE COMMUTATION DANS LE DISPOSITIF DE COMMUTATION**
[72] CHICHY, SIEGMUND, DE
[73] ABB SCHWEIZ AG, CH
[85] 2016-02-01
[86] 2014-02-25 (PCT/EP2014/000490)
[87] (WO2015/014416)
[30] EP (13003867.2) 2013-08-02

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[11] **2,920,119**
[13] C
[51] **Int.Cl. E21B 10/46 (2006.01) B24D 3/10 (2006.01) E21B 10/573 (2006.01)**
[25] EN
[54] **MECHANICALLY LOCKING POLYCRYSTALLINE DIAMOND ELEMENT AND INDUSTRIAL DEVICE**
[54] **ELEMENT DE DIAMANT POLYCRISTALLIN A BLOCAGE MECANIQUE ET DISPOSITIF INDUSTRIEL**
[72] BIRD, JAY S., US
[72] CHEN, SHILIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-01
[86] 2013-09-30 (PCT/US2013/062564)
[87] (WO2015/047376)

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[11] **2,920,347**
[13] C
[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 1/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACTION INDICATION SELECTION**
[54] **PROCEDE ET APPAREIL DE SELECTION D'INDICATION D'ACTION**
[72] LOMBARDI, MICHAEL J., US
[72] PATEL, MITUL R., US
[72] PIERCE, AMBER M., US
[72] STEVENS, NATALIE J., US
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
[85] 2016-02-03
[86] 2014-08-08 (PCT/US2014/050387)
[87] (WO2015/021407)
[30] US (13/964,032) 2013-08-09

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[11] **2,920,606**
[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) F16B 19/00 (2006.01)**
[25] EN
[54] **DUAL-CONFIGURATION SHEAR BOLT**
[54] **BOULON DE CISAILLEMENT A DOUBLE CONFIGURATION**
[72] DONOVAN, STACEY BLAINE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-05
[86] 2013-10-09 (PCT/US2013/063999)
[87] (WO2015/053760)

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[11] **2,920,637**
[13] C
[51] **Int.Cl. B23B 27/22 (2006.01) B23B 27/20 (2006.01)**
[25] EN
[54] **CUTTING TOOL**
[54] **OUTIL DE COUPE**
[72] SASAKI, YASUTAKE, JP
[73] TUNGALOY CORPORATION, JP
[85] 2016-02-05
[86] 2014-12-02 (PCT/JP2014/081909)
[87] (WO2015/083716)
[30] JP (2013-249914) 2013-12-03

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[11] **2,920,656**
[13] C
[51] **Int.Cl. E21B 43/18 (2006.01) H01M 8/04007 (2016.01) H01M 8/0612 (2016.01) H01M 8/0668 (2016.01) E21B 43/16 (2006.01) F25J 1/00 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING COAL BED METHANE USING CARBON DIOXIDE**
[54] **METHODE D'EXTRACTION DE METHANE D'UNE COUCHE DE HOUILLE AU MOYEN DE DIOXYDE DE CARBONE**
[72] LOURENCO, JOSE, CA
[72] MILLAR, MACKENZIE, CA
[73] 1304342 ALBERTA LTD., CA
[73] 1304338 ALBERTA LTD., CA
[86] (2920656)
[87] (2920656)
[22] 2016-02-11

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[11] **2,920,792**
[13] C
[51] **Int.Cl. C09K 8/26 (2006.01) C09K 8/28 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **THERMAL THICKENING IN INVERT EMULSION TREATMENT FLUIDS**
[54] **EPAISSISSEMENT THERMIQUE DANS DES FLUIDES DE TRAITEMENT EN EMULSION INVERSE**
[72] LIVANEC, PHILIP WAYNE, US
[72] DEVILLE, JAY PAUL, US
[72] DAVIS, CHESNEE LAE, US
[72] WALKER, JONATHAN PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-08
[86] 2014-05-17 (PCT/US2014/038515)
[87] (WO2015/178874)

[11] **2,920,937**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) G08G 5/00 (2006.01) G09B 9/08 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **A SIMULATION SERVER CAPABLE OF CONFIGURING EVENTS OF A LESSON PLAN THROUGH INTERACTIONS WITH A COMPUTING DEVICE**
[54] **UN SERVEUR CAPABLE DE CONFIGURER LES EVENEMENTS D'UN PLAN DE LECON AU MOYEN D'INTERACTIONS AVEC UN DISPOSITIF INFORMATIQUE**
[72] DELISLE, JEAN-FRANCOIS, CA
[72] BOWNESS, DAVID, CA
[72] HO, DAC TOAN, CA
[72] GINGRAS, LUC, CA
[73] CAE INC, CA
[86] (2920937)
[87] (2920937)
[22] 2016-02-17

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[11] **2,921,770**
[13] C
[51] **Int.Cl. H02K 35/00 (2006.01) F03B 17/06 (2006.01)**
[25] FR
[54] **ELECTRICITY GENERATOR WITH AN UNDULATING MEMBRANE**
[54] **GENERATEUR D'ELECTRICITE A MEMBRANE ONDULANTE**
[72] DREVET, JEAN BAPTISTE, FR
[73] EEL ENERGY, FR
[85] 2016-02-18
[86] 2014-07-08 (PCT/EP2014/064635)
[87] (WO2015/028182)
[30] FR (1358239) 2013-08-28

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[11] **2,922,268**
[13] C
[51] **Int.Cl. E21B 34/16 (2006.01) E21B 34/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **RESETTABLE REMOTE AND MANUAL ACTUATED WELL TOOL**
[54] **OUTIL DE PUITS REINITIALISABLE ACTIONNE A DISTANCE ET MANUELLEMENT**
[72] FOONG, RYAN ZHE CONG, GB
[72] KEERTHIVASAN, VIJAY KUMAR, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-23
[86] 2013-09-25 (PCT/US2013/061734)
[87] (WO2015/047254)

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[11] **2,922,421**
[13] C
[51] **Int.Cl. G01N 21/45 (2006.01) G01B 11/00 (2006.01) G01V 8/16 (2006.01)**
[25] EN
[54] **POWER LIMITING METHODS FOR USE WITH OPTICAL SYSTEMS IN HAZARDOUS AREA LOCATIONS**
[54] **PROCEDES DE LIMITATION DE PUISSANCE DESTINES A ETRE UTILISES AVEC DES SYSTEMES OPTIQUES DANS DES ENDROITS SITUES DANS DES ZONES DANGEREUSES**
[72] BARFOOT, DAVID A., US
[72] JAASKELAINEN, MIKKO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-24
[86] 2013-10-07 (PCT/US2013/063648)
[87] (WO2015/053738)

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[11] **2,922,522**
[13] C
[51] **Int.Cl. E03C 1/26 (2006.01) B63B 29/16 (2006.01) B64D 11/02 (2006.01) E03C 1/264 (2006.01) E03C 1/298 (2006.01)**
[25] EN
[54] **COMPACT PLUMBING SYSTEM DRAIN STRAINER FOR A GALLEY**
[54] **CREPINE DE VIDANGE D'INSTALLATION DE PLOMBERIE COMPACTE POUR CUISINE**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
[85] 2016-02-25
[86] 2014-08-27 (PCT/US2014/053005)
[87] (WO2015/031535)
[30] US (61/872,364) 2013-08-30
[30] US (14/463,968) 2014-08-20

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[11] **2,922,870**
[13] C
[51] **Int.Cl. E21B 33/04 (2006.01)**
[25] EN
[54] **HANGER AND PENETRATOR FOR THROUGH TUBING ESP DEPLOYMENT WITH A VERTICAL PRODUCTION TREE**
[54] **DISPOSITIF DE SUSPENSION ET PENETRATEUR POUR LE DEPLOIEMENT D'ESP A TRAVERS DES TUBES COMPRENANT UN ARBRE DE PRODUCTION VERTICAL**
[72] XIAO, JINJIANG, SA
[72] BOULDIN, BRETT, SA
[72] ROTH, BRIAN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-02-29
[86] 2014-08-25 (PCT/US2014/052435)
[87] (WO2015/034694)
[30] US (14/020,222) 2013-09-06

[11] **2,922,945**
[13] C
[51] **Int.Cl. A61F 13/00 (2006.01) A41D 13/015 (2006.01) A61F 13/02 (2006.01) A61F 17/00 (2006.01)**
[25] EN
[54] **DISPOSABLE PADDED TAPE**
[54] **BANDE MATELASSEE JETABLE**
[72] GILDERSLEEVE, RICHARD, US
[73] DJO, LLC, US
[85] 2016-03-01
[86] 2014-09-11 (PCT/US2014/055258)
[87] (WO2015/038822)
[30] US (61/877,397) 2013-09-13

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[11] **2,923,428**
[13] C
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 17/20 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **EXPANDABLE TOOL HAVING HELICAL GEOMETRY**
[54] **OUTIL EXTENSIBLE HELICOIDAL**
[72] LASTRA, RAFAEL, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-03-04
[86] 2014-09-11 (PCT/US2014/055150)
[87] (WO2015/038747)
[30] US (14/025,250) 2013-09-12

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[11] **2,923,970**
[13] C
[51] **Int.Cl. H04W 74/04 (2009.01) H04W 56/00 (2009.01)**
[25] EN
[54] **VEHICLE TRAVEL CONTROL SYSTEM AND FLEET MANAGEMENT SERVER**
[54] **SYSTEME DE COMMANDE DE PARCOURS DE VEHICULE ET SERVEUR DE GESTION DE PARC**
[72] YAMASAKI, RYOTA, JP
[72] OOKURA, YOSHINORI, JP
[72] HAMADA, TOMOYUKI, JP
[72] YAMADA, TSUTOMU, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2016-03-09
[86] 2014-12-25 (PCT/JP2014/084395)
[87] (WO2015/145908)
[30] JP (2014-066879) 2014-03-27

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[11] **2,924,097**
[13] C
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **EXCHANGER SURGICAL ACCESS PORT ASSEMBLY**
[54] **ENSEMBLE ORIFICE D'ACCES CHIRURGICAL DE TYPE ADAPTATEUR**
[72] RAVIKUMAR, SUNDARAM, US
[72] OSBORNE, GUY, US
[72] ALWARD, HARRY ALLAN, US
[73] TELEFLEX MEDICAL INCORPORATED, US
[85] 2016-03-10
[86] 2014-09-19 (PCT/US2014/056456)
[87] (WO2015/047886)
[30] US (61/879,468) 2013-09-18
[30] US (62/024,999) 2014-07-15

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[11] **2,924,280**
[13] C
[51] **Int.Cl. B65D 1/02 (2006.01) B32B 27/00 (2006.01) B32B 27/28 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **DELAMINATION CONTAINER**
[54] **CONTENANT PELLICULABLE**
[72] FURUSAWA, MITSUO, JP
[72] GONDO, YOSHIAKI, JP
[72] AKIYOSHI, KAZUHIKO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2016-03-14
[86] 2014-09-29 (PCT/JP2014/004983)
[87] (WO2015/045419)
[30] JP (2013-204516) 2013-09-30
[30] JP (2014-195646) 2014-09-25

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[11] **2,924,608**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **FLEXIBLE ZONE INFLOW CONTROL DEVICE**
[54] **DISPOSITIF FLEXIBLE DE COMMANDE D'ECOULEMENT ENTRANT DANS UNE ZONE**
[72] AL-AJMI, FAHAD A., SA
[72] AL-MADANI, SULTAN S., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-03-16
[86] 2014-09-29 (PCT/US2014/057963)
[87] (WO2015/050800)
[30] US (14/045,035) 2013-10-03

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[11] **2,924,610**
[13] C
[51] **Int.Cl. E04G 5/00 (2006.01) E04G 1/14 (2006.01)**
[25] EN
[54] **SCAFFOLDING ACCESSORY**
[54] **ACCESSOIRE D'ECHAFAUDAGE**
[72] LESSARD, JACQUES, CA
[73] LESSARD, JACQUES, CA
[86] (2924610)
[87] (2924610)
[22] 2016-03-21

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[11] **2,924,804**
[13] C
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/12 (2006.01)**
[25] EN
[54] **WELDING WIRE FEEDER WITH A BUS CONTROL SYSTEM AND METHOD OF OPERATING A WELDING WIRE FEEDER HAVING A BUS CONTROL SYSTEM**
[54] **DISPOSITIF D'ALIMENTATION DE FIL DE SOUDAGE COMPORTANT UN SYSTEME DE COMMANDE DE BUS ET PROCEDE DE MISE EN □UVRE D'UN DISPOSITIF D'ALIMENTATION DE FIL DE SOUDAGE PRESENTANT UN SYSTEME DE COMMANDE DE BUS**
[72] BEISTLE, EDWARD G., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-03-18
[86] 2014-08-27 (PCT/US2014/053023)
[87] (WO2015/076891)
[30] US (61/907,835) 2013-11-22
[30] US (14/102,209) 2013-12-10

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[11] **2,924,963**
[13] C
[51] **Int.Cl. E21B 31/08 (2006.01) E21B 37/00 (2006.01) E21B 43/02 (2006.01)**
[25] EN
[54] **SUBTERRANEAN SOLIDS SEPARATOR**
[54] **SEPARATEUR DE SOLIDES SOUTERRAINS**
[72] STOWE, CALVIN J., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-21
[86] 2014-09-22 (PCT/US2014/056805)
[87] (WO2015/047955)
[30] US (14/035,542) 2013-09-24

[11] **2,925,235**
[13] C
[51] **Int.Cl. B23Q 3/155 (2006.01) B23Q 17/20 (2006.01) G01N 3/40 (2006.01) G01N 3/42 (2006.01)**
[25] EN
[54] **MACHINE TOOL COMPRISING A HARDNESS TESTING DEVICE**
[54] **MACHINE-OUTIL MUNIE D'UN DISPOSITIF DE MESURE DE DURETE**
[72] FISCHER, JOCHEN, DE
[72] BROLL, MARTIN, DE
[73] MAN DIESEL & TURBO SE, DE
[85] 2016-03-23
[86] 2014-09-04 (PCT/EP2014/068787)
[87] (WO2015/039875)
[30] DE (10 2013 015 685.8) 2013-09-23

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[11] **2,925,743**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/498 (2006.01) A61P 25/00 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **NOVEL BICYCLIC PYRIDINONES AS GAMMA-SECRETASE MODULATORS**
[54] **NOUVELLES PYRIDINONES BICYCLIQUES UTILISEES COMME MODULATEURS DE GAMMA-SECRETASE**
[72] PETTERSSON, MARTIN YOUNGJIN, US
[72] JOHNSON, DOUGLAS SCOTT, US
[72] SUBRAMANYAM, CHAKRAPANI, US
[72] O'DONNELL, CHRISTOPHER JOHN, US
[72] AM ENDE, CHRISTOPHER WILLIAM, US
[72] GREEN, MICHAEL ERIC, US
[72] PATEL, NANDINI CHATURBHAI, US
[72] STIFF, CORY MICHAEL, US
[72] TRAN, TUAN PHONG, US
[72] KAUFFMAN, GREGORY WAYNE, US
[72] STEPAN, ANTONIA FRIEDERIKE, US
[72] VERHOEST, PATRICK ROBERT, US
[73] PFIZER INC., US
[85] 2016-03-30
[86] 2014-09-22 (PCT/IB2014/064738)
[87] (WO2015/049616)
[30] US (61/886,705) 2013-10-04

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[11] **2,926,035**
[13] C
[51] **Int.Cl. B01J 20/34 (2006.01) A61M 1/16 (2006.01) B01J 20/02 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **PROCESS FOR REGENERATION OF SPENT ZIRCONIUM PHOSPHATE FOR REUSE IN SORBENT TREATMENTS**
[54] **PROCESSUS POUR REGENERATION DE PHOSPHATE DE ZIRCONIUM USE POUR UNE REUTILISATION LORS DE TRAITEMENTS DE SORBANT**
[72] MERCHANT, STEPHEN A., US
[72] ADAMS, KERISSA, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2016-03-31
[86] 2014-07-24 (PCT/US2014/047919)
[87] (WO2015/060914)
[30] US (14/060,761) 2013-10-23

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[11] **2,926,913**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) G01R 31/02 (2006.01) G01R 19/04 (2006.01) H02P 31/00 (2006.01) H05B 1/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LOAD DRIVER CIRCUIT AND LOAD SHORT-CIRCUIT DETECTION CIRCUIT**
[54] **CIRCUIT D'ENTRAINEMENT DE CHARGE ET CIRCUIT DE DETECTION DE COURT-CIRCUIT DE CHARGE**
[72] OHKI, ISAO, JP
[73] SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., JP
[85] 2016-04-11
[86] 2015-02-23 (PCT/JP2015/054970)
[87] (2926913)

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[11] **2,927,154**
[13] C
[51] **Int.Cl. C09K 8/46 (2006.01) C09K 8/473 (2006.01)**
[25] EN
[54] **CEMENT WITH RESILIENT LATEX POLYMER**
[54] **CIMENT COMPRENANT UN POLYMERE LATEX ELASTIQUE**
[72] MUTHUSAMY, RAMESH, IN
[72] KOYITTI, REMITHA ANANDOTH, IN
[72] DESHPANDE, ABHIMANYU PRAMOD, IN
[72] BOSE, SOHINI, IN
[72] PATIL, RAHUL CHANDRAKANT, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-12
[86] 2013-11-25 (PCT/US2013/071627)
[87] (WO2015/076836)

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[11] **2,927,497**
[13] C
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **TENSION-SET TIEBACK PACKER**
[54] **GARNITURE DE FIXATION**
[72] HANSON, ANDREW J., CA
[72] HILHORST, BRIAN E., CA
[72] MACTAVISH, JAMES A.C., CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2927497)
[87] (2927497)
[22] 2016-04-20
[30] US (14/693,076) 2015-04-22

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[11] **2,927,650**
[13] C
[51] **Int.Cl. C21D 1/63 (2006.01) C21D 1/667 (2006.01)**
[25] EN
[54] **APPARATUS FOR QUENCHING**
[54] **APPAREIL DE TREMPE**
[72] WANG, YACHOA, GB
[72] BOUKHCHACHA, ABDALLAH, CA
[72] FORTIN, REJEAN, CA
[73] MESSIER-DOWTY LIMITED, GB
[73] MESSIER-DOWTY INC., CA
[85] 2016-04-15
[86] 2014-10-17 (PCT/GB2014/053122)
[87] (WO2015/056029)
[30] GB (1318462.7) 2013-10-18

[11] **2,927,691**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **CROSS-COUPLING BASED FLUID FRONT MONITORING**
[54] **COUPLAGE CROISE BASE SUR LA SURVEILLANCE DU FRONT DE FLUIDE**
[72] CHEMALI, ROLAND E., US
[72] WU, DAGANG, US
[72] DONDERICI, BURKAY, US
[72] BITTAR, MICHAEL S., US
[72] SAN MARTIN, LUIS E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-15
[86] 2013-11-21 (PCT/US2013/071207)
[87] (WO2015/076806)

[11] **2,928,159**
[13] C
[51] **Int.Cl. C09K 3/10 (2006.01)**
[25] EN
[54] **CARBON COMPOSITES, METHODS OF MANUFACTURE, AND USES THEREOF**
[54] **COMPOSITES DE CARBONE, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] XU, ZHIYUE, US
[72] ZHAO, LEI, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-04-20
[86] 2014-10-06 (PCT/US2014/059244)
[87] (WO2015/069402)
[30] US (14/072,016) 2013-11-05

[11] **2,928,569**
[13] C
[51] **Int.Cl. B25F 5/02 (2006.01) B25F 5/00 (2006.01)**
[25] EN
[54] **REINFORCEMENT MEMBER FOR HANDLE OF TOOL**
[54] **ELEMENT DE RENFORT DESTINE A UNE POIGNEE D'OUTIL**
[72] BOTHMANN, RICHARD D., US
[72] GRIFFIN, PAUL W., US
[72] NOWAK, DENNIS A., US
[72] KOHLS, BENJAMIN E., US
[73] SNAP-ON INCORPORATED, US
[86] (2928569)
[87] (2928569)
[22] 2016-05-02
[30] US (14/716,299) 2015-05-19

[11] **2,928,930**
[13] C
[51] **Int.Cl. G06F 8/65 (2018.01) G06F 8/61 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR UPDATING SYSTEM-LEVEL SERVICES WITHIN READ-ONLY SYSTEM IMAGES**
[54] **SYSTEMES ET PROCEDES DE MISE A JOUR DE SERVICES AU NIVEAU SYSTEME DANS DES IMAGES DU SYSTEME UNIQUEMENT LISIBLES**
[72] KIM, SEAN, US
[72] SANGSTER, PAUL, US
[73] SYMANTEC CORPORATION, US
[85] 2016-04-27
[86] 2014-03-10 (PCT/US2014/022826)
[87] (WO2015/065513)
[30] US (14/070,894) 2013-11-04

[11] **2,929,490**
[13] C
[51] **Int.Cl. B29D 29/08 (2006.01)**
[25] EN
[54] **A BELT COMPRISING AN EMBEDDED TWO-COMPONENT CORD AND METHOD FOR MOLDED POWER TRANSMISSION BELTS**
[54] **COURROIE COMPRENANT UNE CORDE A DEUX COMPOSANTS INTEGRES ET PROCEDE DE FABRICATION DE COURROIES D'ENTRAINEMENT MOULEES**
[72] WU, SHAWN XIANG, US
[72] OCHOA, CHARLIE, US
[72] HALL, LANCE, US
[72] CHEONG, TAE HEE, US
[73] GATES CORPORATION, US
[85] 2016-05-02
[86] 2014-11-07 (PCT/US2014/064502)
[87] (WO2015/069989)
[30] US (14/075,111) 2013-11-08

[11] **2,929,922**
[13] C
[51] **Int.Cl. A01K 5/02 (2006.01) A01K 13/00 (2006.01) A01K 29/00 (2006.01) G01G 17/08 (2006.01) G01G 21/22 (2006.01) G01G 23/36 (2006.01)**
[25] EN
[54] **FEEDER, SYSTEM AND METHOD FOR THE REAL-TIME MEASUREMENT OF THE GROWTH AND/OR EVOLUTION OF THE WEIGHT OF ANIMALS**
[54] **MECANISME D'ALIMENTATION, SYSTEME ET METHODE DE MESURE EN TEMPS REEL DE LA CROISSANCE OU DE L'EVOLUTION DU POIDS DES ANIMAUX**
[72] POMAR GOMA, JESUS, ES
[73] EXAFAN, S.A., ES
[73] UNIVERSITAT DE LLEIDA, ES
[86] (2929922)
[87] (2929922)
[22] 2016-05-12
[30] EP (15382247.3) 2015-05-12

[11] **2,929,958**
[13] C
[51] **Int.Cl. C08J 3/24 (2006.01) C08K 9/10 (2006.01) C09D 5/02 (2006.01)**
[25] EN
[54] **CURABLE FILM-FORMING COMPOSITIONS COMPRISING CATALYST ASSOCIATED WITH A CARRIER AND METHODS FOR COATING A SUBSTRATE**
[54] **COMPOSITIONS FILMOGENES DURCISSABLES COMPRENANT UN CATALYSEUR ASSOCIE A UN SUPPORT ET PROCEDES DE REVETEMENT D'UN SUBSTRAT**
[72] MORAVEK, SCOTT J., US
[72] VALENTA, JANE N., US
[72] SCHWARTZMILLER, DAVINA J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2016-05-06
[86] 2014-11-05 (PCT/US2014/064022)
[87] (WO2015/069696)
[30] US (14/075,288) 2013-11-08

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[11] **2,930,061**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **VARIANTS OF FILES IN A FILE SYSTEM**
[54] **VARIANTES DE FICHIERS DANS UN SYSTEME DE FICHIERS**
[72] VELUMMYLUM, PIRAGASH, US
[72] OLSON, JOHANNA S., US
[72] SMITH, KORWIN J., US
[72] WOOD, JAMES H., US
[73] AMAZON TECHNOLOGIES, INC., US
[86] (2930061)
[87] (2930061)
[22] 2012-03-07
[62] 2,824,868
[30] US (13/047,343) 2011-03-14

---

[11] **2,930,075**
[13] C
[51] **Int.Cl. B05C 5/02 (2006.01) B05C 21/00 (2006.01)**
[25] EN
[54] **ADHESIVE APPLICATOR**
[54] **APPLICATEUR D'ADHESIF**
[72] HOARD, LEONARD BRETT, CA
[72] HOARD, AARON M., CA
[73] HOARD, LEONARD BRETT, CA
[73] HOARD, AARON M., CA
[86] (2930075)
[87] (2930075)
[22] 2016-05-16
[30] US (14800010) 2015-07-15

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[11] **2,930,099**
[13] C
[51] **Int.Cl. F21S 10/04 (2006.01) F21V 23/00 (2015.01) F21V 23/04 (2006.01) H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **IMITATION CANDLE DEVICE WITH ENHANCED CONTROL FEATURES**
[54] **DISPOSITIF IMITANT UNE CHANDELLE DOTE DE CARACTERISTIQUES DE COMMANDE AMELIOREES**
[72] LI, XIAOFENG, CN
[73] LI, XIAOFENG, CN
[86] (2930099)
[87] (2930099)
[22] 2016-05-13
[30] CN (201610261921.2) 2016-04-25
[30] US (15/145,739) 2016-05-03

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[11] **2,930,220**
[13] C
[51] **Int.Cl. F17C 3/04 (2006.01)**
[25] EN
[54] **CRYOGENIC TANK**
[54] **RESERVOIR A BASSE TEMPERATURE**
[72] KANNO, RYUZO, JP
[72] FURIKOMA, MICHITAKA, JP
[72] KAMIYA, EIJI, JP
[73] IHI CORPORATION, JP
[85] 2016-05-10
[86] 2014-10-30 (PCT/JP2014/078982)
[87] (WO2015/072348)
[30] JP (2013-236944) 2013-11-15

---

[11] **2,930,223**
[13] C
[51] **Int.Cl. F17C 3/04 (2006.01)**
[25] EN
[54] **MEMBRANE ANCHOR MECHANISM**
[54] **MECANISME D'ANCRAGE DE MEMBRANE**
[72] KANNO, RYUZO, JP
[72] FURIKOMA, MICHITAKA, JP
[72] KAMIYA, EIJI, JP
[72] SHIMAMURA, YASUHIRO, JP
[73] IHI CORPORATION, JP
[85] 2016-05-10
[86] 2014-10-31 (PCT/JP2014/079065)
[87] (WO2015/072354)
[30] JP (2013-236943) 2013-11-15

---

[11] **2,930,502**
[13] C
[51] **Int.Cl. E05B 49/00 (2006.01) B60R 25/24 (2013.01)**
[25] EN
[54] **PORTABLE COMMUNICATION APPARATUS, VEHICLE CONTROL APPARATUS, AND VEHICLE CONTROL SYSTEM**
[54] **APPAREIL DE COMMUNICATION PORTABLE, APPAREIL DE COMMANDE DE VEHICULE ET SYSTEME DE COMMANDE DE VEHICULE**
[72] KATOU, KENJI, JP
[73] DENSO CORPORATION, JP
[85] 2016-05-12
[86] 2014-10-27 (PCT/JP2014/005423)
[87] (WO2015/107578)
[30] JP (2014-007873) 2014-01-20

---

[11] **2,930,768**
[13] C
[51] **Int.Cl. B23K 26/21 (2014.01) B21C 37/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MANUFACTURING WELDED SHAPED STEEL**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'ACIER PROFILE SOUDE**
[72] SAKURADA, YASUHIRO, JP
[72] IENARI, TOORU, JP
[72] ASADA, HIROSHI, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2016-05-13
[86] 2014-03-13 (PCT/JP2014/056632)
[87] (WO2015/072158)
[30] JP (2013-235989) 2013-11-14

[11] **2,930,810**
[13] C
[51] **Int.Cl. A61K 31/505 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **PHARMACOLOGICAL CHAPERONES FOR TREATING OBESITY**
[54] **CHAPERONES PHARMACOLOGIQUES DESTINEES A TRAITER L'OBESITE**
[72] FAN, JIAN-QIANG, US
[72] VANLENZANO, KEN, US
[72] LEE, GARY, US
[72] BOUVIER, MICHEL, CA
[72] RENE, PATRICIA, CA
[73] AMICUS THERAPEUTICS, INC., US
[73] UNIVERSITE DE MONTREAL, CA
[86] (2930810)
[87] (2930810)
[22] 2006-06-05
[62] 2,610,860
[30] US (60/687,648) 2005-06-03
[30] US (60/799,968) 2006-05-12
[30] US (11/446,429) 2006-06-02

---

[11] **2,931,359**
[13] C
[51] **Int.Cl. B67D 7/36 (2010.01) B67D 7/34 (2010.01) F16K 21/00 (2006.01) F16K 31/60 (2006.01) F16K 35/00 (2006.01) F16L 35/00 (2006.01) F16L 37/12 (2006.01) F16L 37/38 (2006.01) F16L 37/47 (2006.01)**
[25] EN
[54] **COMBINATION SPILL PREVENTION VALVE ACTUATOR DEVICE**
[54] **COMBINAISON DE DISPOSITIF D'ACTIONNEUR DE CLAPET A PROTECTION CONTRE LE DEVERSEMENT**
[72] DOBSON, GLYN, CA
[72] JONES, MATHIEU P., CA
[72] BRIAULT, COLLIN LEE, CA
[72] VERSTRAETE, GERALD MAURICE, CA
[73] GERVEE ENERGY SERVICES, CA
[85] 2016-05-24
[86] 2014-12-22 (PCT/CA2014/051253)
[87] (WO2015/095964)
[30] US (61/920,105) 2013-12-23

---

[11] **2,932,429**
[13] C
[51] **Int.Cl. E01C 19/02 (2006.01) B65G 67/08 (2006.01)**
[25] EN
[54] **AUTOMATIC BAFFLE CONTROL FOR TRUCK-RECEIVING HOPPER OF MATERIAL TRANSFER VEHICLE**
[54] **COMMANDE DE DEFLECTEUR AUTOMATIQUE POUR TREMIE DE RECEPTION DE VEHICULE DE TRANSFERT DE MATERIAU**
[72] SWEARINGEN, DAVID, US
[73] ROADTEC, INC., US
[85] 2016-06-01
[86] 2014-12-08 (PCT/US2014/069077)
[87] (WO2015/094765)
[30] US (61/916,406) 2013-12-16

---

[11] **2,932,737**
[13] C
[51] **Int.Cl. A47G 21/06 (2006.01) B25F 1/00 (2006.01) B25G 1/10 (2006.01)**
[25] EN
[54] **EATING UTENSIL ASSEMBLY AND RELATED METHODS**
[54] **ENSEMBLE COUVERT ET PROCEDES ASSOCIES**
[72] TRUOG, KIMBERLY, US
[72] TRUOG, CORBET, US
[73] SNAP OUT SOLUTIONS, LLC, US
[85] 2016-06-03
[86] 2014-02-17 (PCT/US2014/016693)
[87] (WO2015/084420)
[30] US (14/096,425) 2013-12-04

---

[11] **2,932,792**
[13] C
[51] **Int.Cl. A01G 9/14 (2006.01) A01G 9/24 (2006.01)**
[25] EN
[54] **MULTILEVEL CLOSED ECOSYSTEM GREENHOUSE**
[54] **SERRE A ECOSYSTEME FERME MULTINIVEAU**
[72] BEAULIEU, GASTON, CA
[73] GAIA ECOSYSTEMES INC., CA
[85] 2016-06-08
[86] 2016-02-23 (PCT/CA2016/050180)
[87] (2932792)
[30] CA (2,882,972) 2015-02-24

---

[11] **2,933,973**
[13] C
[51] **Int.Cl. C09K 8/14 (2006.01) C09K 8/03 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **AQUEOUS SUSPENSIONS OF SILICA ADDITIVES**
[54] **SUSPENSIONS AQUEUSES D'ADDITIFS DE SILICE**
[72] PATIL, SANDIP P., IN
[72] PATIL, RAHUL C., IN
[72] AK, REMITHA, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-15
[86] 2014-03-24 (PCT/US2014/031591)
[87] (WO2015/147781)

---

[11] **2,934,286**
[13] C
[51] **Int.Cl. A01D 43/00 (2006.01) A01D 43/10 (2006.01) A01D 47/00 (2006.01) A01D 57/22 (2006.01)**
[25] EN
[54] **SWATHER TRACTOR SWATH WITH A COMPRESSOR ATTACHMENT**
[54] **ANDAINEUSE DE MOISSONNEUSE-ANDAINEUSE DOTEE D'UN ACCESSOIRE COMPRESSEUR**
[72] DUNN, JAMES T., CA
[72] GEORGISON, RYAN R., CA
[73] MACDON INDUSTRIES LTD., CA
[86] (2934286)
[87] (2934286)
[22] 2016-06-27
[30] CA (62216621) 2015-09-10

[11] **2,934,637**
[13] C
[51] **Int.Cl. H04N 5/232 (2006.01) H04N 21/80 (2011.01) G08B 21/18 (2006.01)**
[25] EN
[54] **NETWORK CAMERA HAVING A PLURALITY OF DIGITAL OUTPUT TERMINALS FOR OUTPUTTING ALARM AND CONTROL METHOD THEREOF**
[54] **CAMERA EN RESEAU COMPORTANT UNE PLURALITE DE TERMINAUX DE SORTIE NUMERIQUES SERVANT A PRODUIRE UNE ALARME ET METHODE DE CONTROLE ASSOCIEE**
[72] USIE, WESLEY ROBERT, US
[73] CHEKT LLC, US
[86] (2934637)
[87] (2934637)
[22] 2016-06-28

---

[11] **2,935,530**
[13] C
[51] **Int.Cl. B29C 43/34 (2006.01) B29C 43/12 (2006.01) B29C 43/18 (2006.01) B29C 70/06 (2006.01)**
[25] EN
[54] **FRP SHAPING JIG AND METHOD OF SHAPING FRP STRUCTURE**
[54] **JIG DE FORMAGE DE FRP ET PROCEDE DE FORMAGE DE STRUCTURE EN FRP**
[72] ABE, TOSHIO, JP
[72] KATO, TETSUYA, JP
[72] TAKAGI, KIYOKA, JP
[72] KOYAMA, TAKAYUKI, JP
[72] YOSHINO, KATSUYA, JP
[72] KISHIMOTO, KAZUAKI, JP
[72] SAITO, KOICHI, JP
[72] ISHIDA, TAKASHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-06-29
[86] 2015-01-27 (PCT/JP2015/052213)
[87] (WO2015/115433)
[30] JP (2014-016998) 2014-01-31

---

[11] **2,936,138**
[13] C
[51] **Int.Cl. B05B 11/00 (2006.01) B65D 81/32 (2006.01) B65D 83/62 (2006.01) B65D 83/68 (2006.01)**
[25] FR
[54] **TWO-CHANNEL DISPENSING DEVICE INTENDED TO CLOSE A BOTTLE**
[54] **DISPOSITIF DE DISTRIBUTION A DEUX VOIES DESTINE A FERMER UN FLACON**
[72] BOREL, BERNARD, FR
[72] MONFROY, GERARD, FR
[73] LINDAL FRANCE SAS, FR
[85] 2016-07-07
[86] 2015-01-27 (PCT/EP2015/051607)
[87] (WO2015/110657)
[30] FR (1450638) 2014-01-27

---

[11] **2,936,314**
[13] C
[51] **Int.Cl. B05B 12/00 (2018.01) B05B 12/08 (2006.01)**
[25] EN
[54] **DISPENSER FUNCTIONALITY EVALUATION**
[54] **EVALUATION DE FONCTIONNALITE D'UN DISTRIBUTEUR**
[72] WEGELIN, JACKSON WILLIAM, US
[72] BROWN, PAUL JASON, US
[72] CURTIS, CHIP, US
[73] GOJO INDUSTRIES, INC., US
[85] 2016-07-14
[86] 2015-01-15 (PCT/US2015/011566)
[87] (WO2015/109073)
[30] US (61/927,609) 2014-01-15

---

[11] **2,936,535**
[13] C
[51] **Int.Cl. F16G 13/12 (2006.01) E02F 3/48 (2006.01) E02F 3/58 (2006.01)**
[25] EN
[54] **STUD END LINK**
[54] **LIEN D'EXTREMITE DE COLOMBAGE**
[72] DREIXLER, CHARLES, US
[72] MIOTKE, B. ANTHONY, US
[72] CONROY, DAVID GARNET JOHN, US
[73] COLUMBIA STEEL CASTING CO., INC., US
[86] (2936535)
[87] (2936535)
[22] 2016-07-18
[30] US (14/882702) 2015-10-14

---

[11] **2,936,810**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01) G06F 3/0488 (2013.01) G06F 21/31 (2013.01) H04B 5/00 (2006.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD OF MOBILE IDENTITY VERIFICATION**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE VERIFICATION D'IDENTITE DE MOBILE**
[72] MURR, ARZ, LB
[73] MURR, ARZ, LB
[85] 2016-07-14
[86] 2014-07-03 (PCT/CA2014/000531)
[87] (WO2015/106333)
[30] LB (10235) 2014-01-16
[30] US (62/008,312) 2014-06-05

---

[11] **2,936,903**
[13] C
[51] **Int.Cl. C01B 3/40 (2006.01) B01J 23/755 (2006.01) C01B 3/02 (2006.01) C01B 3/44 (2006.01) C01G 53/00 (2006.01) C07C 29/00 (2006.01) C10G 2/00 (2006.01) C10G 11/02 (2006.01) C10G 47/02 (2006.01) C10G 57/00 (2006.01)**
[25] EN
[54] **PROCESS AND CATALYST SYSTEM FOR THE PRODUCTION OF HIGH QUALITY SYNGAS FROM LIGHT HYDROCARBONS AND CARBON DIOXIDE**
[54] **PROCEDE ET SYSTEME DE CATALYSEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE DE HAUTE QUALITE A PARTIR D'HYDROCARBURES LEGERS ET DE DIOXYDE DE CARBONE**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[73] GREYROCK ENERGY, INC., US
[85] 2016-07-14
[86] 2014-07-16 (PCT/US2014/000163)
[87] (WO2015/012882)
[30] US (61/958,235) 2013-07-22

[11] **2,940,191**
[13] C
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 44/00 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **GEOSTEERING SYSTEMS AND METHODS THEREOF**
[54] **SYSTEMES DE GEOGUIDAGE ET PROCEDES ASSOCIES**
[72] NORTHCOTT, JOHN, US
[72] DAVIS, KENT, US
[72] WOODWARD, RAYMOND, US
[73] BHL BORESIGHT, INC., US
[85] 2016-08-25
[86] 2015-02-25 (PCT/US2015/017591)
[87] (WO2015/130836)
[30] US (61/944,642) 2014-02-26

---

[11] **2,941,315**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 1/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01) C12P 17/18 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **HIGH THEBAINE POPPY AND METHODS OF PRODUCING THE SAME**
[54] **PAVOT A TENEUR ELEVEE EN THEBAINE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KOVALCHUK, IGOR, CA
[73] API LABS INC., CA
[86] (2941315)
[87] (2941315)
[22] 2016-09-07
[30] US (62/374,682) 2016-08-12

---

[11] **2,943,183**
[13] C
[51] **Int.Cl. F16B 47/00 (2006.01) A47G 29/087 (2006.01) A47J 45/02 (2006.01)**
[25] EN
[54] **VACUUM ABSORBER**
[54] **ABSORBEUR SOUS VIDE**
[72] WOO, CHEOL-SEOK, KR
[73] MSINTECH CO., LTD., KR
[85] 2016-09-19
[86] 2013-03-19 (PCT/KR2013/002220)
[87] (WO2014/148652)

---

[11] **2,943,954**
[13] C
[51] **Int.Cl. F41C 33/04 (2006.01) B26B 29/02 (2006.01) F41C 33/02 (2006.01)**
[25] EN
[54] **KNIFE SHEATH**
[54] **GAINE DE COUTEAU**
[72] BENTON, GEORGE A., US
[72] LOWSKY, JOHN, US
[72] RIBER, EZRA, US
[73] PALMETTO SUPPORT TECHNOLOGIES LLC, US
[85] 2016-09-23
[86] 2015-03-24 (PCT/US2015/022265)
[87] (WO2015/148520)
[30] US (61/969,654) 2014-03-24
[30] US (62/075,232) 2014-11-04

---

[11] **2,946,569**
[13] C
[51] **Int.Cl. A47J 42/04 (2006.01) A47G 19/24 (2006.01)**
[25] EN
[54] **GRINDER DEVICE**
[54] **DISPOSITIF BROYEUR**
[72] WADE, ALLAN E., US
[72] FITCHKO, AARON F., US
[72] CHEN, CHUNG MAN, HK
[72] LIU, ALEX, US
[73] B&G FOODS NORTH AMERICA, INC., US
[86] (2946569)
[87] (2946569)
[22] 2013-09-05
[62] 2,826,454
[30] US (13/613,984) 2012-09-13

---

[11] **2,946,649**
[13] C
[51] **Int.Cl. C09J 167/04 (2006.01) A61B 17/58 (2006.01) A61B 17/68 (2006.01) A61L 24/04 (2006.01) C09J 167/02 (2006.01)**
[25] EN
[54] **BIODEGRADABLE BONE PLATES AND BONDING SYSTEMS**
[54] **PLAQUES OSSEUSES BIODEGRADABLES ET SYSTEMES DE COLLAGE**
[72] MCCARTHY, STEPHEN, US
[72] WEINZWEIG, JEFFERY, US
[73] UNIVERSITY OF MASSACHUSETTS LOWELL, US
[73] NOVAPLAST CORPORATION, US
[86] (2946649)
[87] (2946649)
[22] 2008-01-15
[62] 2,702,550
[30] US (60/885,303) 2007-01-17
[30] US (11/787,076) 2007-04-13

---

[11] **2,946,899**
[13] C
[51] **Int.Cl. C07D 307/92 (2006.01) A61K 31/343 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NAPHTHOFURAN COMPOUNDS AND COMPOSITIONS FOR TARGETING CANCER STEM CELLS**
[54] **COMPOSES ET COMPOSITIONS DE NAPHTOFURANES DESTINES A CIBLER LES CELLULES SOUCHES DU CANCER**
[72] LI, CHIANG JIA, US
[72] LEGGETT, DAVID, US
[72] LI, YOUZHI, US
[72] LI, WEI, US
[73] BOSTON BIOMEDICAL, INC., US
[86] (2946899)
[87] (2946899)
[22] 2011-03-21
[62] 2,793,526
[30] US (61/315,890) 2010-03-19
[30] US (61/315,886) 2010-03-19
[30] US (61/325,814) 2010-04-19

[11] **2,947,886**
[13] C
[51] **Int.Cl. H03G 3/00 (2006.01) H03F 3/189 (2006.01) H03G 1/00 (2006.01) H04B 1/00 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **CARRIER AGGREGATION AMPLIFIER WITH DUAL GAIN CONTROL**
[54] **AMPLIFICATEUR POUR AGREGATION DE PORTEUSES AVEC DOUBLE COMMANDE DE GAIN**
[72] YOUSSEF, AHMED ABDEL MONEM, US
[72] ABDEL GHANY, EHAB AHMED SOBHY, US
[72] CHANG, LI-CHUNG, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-11-02
[86] 2015-05-12 (PCT/US2015/030327)
[87] (WO2015/179172)
[30] US (62/002,751) 2014-05-23
[30] US (14/643,854) 2015-03-10

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[11] **2,947,947**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/20 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **NEW INDICATIONS FOR ANTI-IL-1-BETA THERAPY**
[54] **NOUVELLES INDICATIONS POUR UNE THERAPIE ANTI-IL-1-BETA**
[72] GRAM, HERMANN, DE
[72] JUNG, THOMAS, AT
[73] NOVARTIS AG, CH
[86] (2947947)
[87] (2947947)
[22] 2008-05-28
[62] 2,687,499
[30] EP (07109084.9) 2007-05-29

---

[11] **2,952,204**
[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **MILL BLADE TORQUE SUPPORT**
[54] **SUPPORT DE COUPLE DE LAME DE BROYEUR**
[72] VEMURI, SRINIVASA PRASANNA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-13
[86] 2014-07-28 (PCT/US2014/048482)
[87] (WO2016/018230)

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[11] **2,952,633**
[13] C
[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 30/00 (2015.01) B33Y 80/00 (2015.01) B22F 7/02 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR THREE-DIMENSIONAL PRINTING**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR L'IMPRESSION EN 3D**
[72] BULLER, BENYAMIN, US
[72] MILSHTEIN, EREL, US
[72] SEELINGER, SHERMAN, US
[73] VELO3D, INC., US
[85] 2016-12-15
[86] 2015-06-19 (PCT/US2015/036802)
[87] (WO2015/196149)
[30] US (62/015,230) 2014-06-20
[30] US (62/028,760) 2014-07-24
[30] US (62/063,867) 2014-10-14
[30] US (62/136,378) 2015-03-20
[30] US (62/168,699) 2015-05-29

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[11] **2,952,866**
[13] C
[51] **Int.Cl. G01C 11/02 (2006.01) B64D 47/08 (2006.01) G03B 37/00 (2006.01) G03B 37/04 (2006.01)**
[25] EN
[54] **HIGH-ALTITUDE AERIAL CAMERA SYSTEMS**
[54] **SYSTEMES DE CAMERAS AERIENNES A HAUTE ALTITUDE**
[72] TARLINTON, MARK HAROLD, AU
[72] BLEADS, DAVID ARNOLD, AU
[72] LAPSTUN, PAUL, AU
[73] NEARMAP AUSTRALIA PTY LTD, AU
[85] 2016-12-19
[86] 2014-12-08 (PCT/AU2014/050401)
[87] (WO2015/192163)
[30] US (14/310,523) 2014-06-20

---

[11] **2,955,019**
[13] C
[51] **Int.Cl. H02J 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COORDINATING SIGNAL INJECTIONS TO UNDERSTAND AND MAINTAIN ORTHOGONALITY AMONG SIGNAL INJECTIONS PATTERNS IN UTILITY GRIDS**
[54] **SYSTEMES ET PROCEDES DE COORDINATION D'INJECTIONS DE SIGNAL POUR COMPRENDRE ET MAINTENIR L'ORTHOGONALITE ENTRE DES MOTIFS D'INJECTIONS DE SIGNAL DANS DES RESEAUX DE DISTRIBUTION**
[72] BROOKS, BRIAN E., US
[72] LU, YANG, SG
[72] TIO, ANDREW T., SG
[72] BENOIT, GILLES J., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040357)
[87] (WO2016/011012)
[30] US (62/025,614) 2014-07-17

[11] **2,955,686**
[13] C
[51] **Int.Cl. F16C 17/04 (2006.01)**
[25] EN
[54] **AXIAL SLIDING BEARING**
[54] **PALIER LISSE AXIAL**
[72] GERASIMOV, VLADIMIR SERGEEVICH, RU
[72] EVTUSHENKO, SERGEI PAVLOVICH, RU
[72] KAZANTSEV, RODION PETROVICH, RU
[72] NIKIFOROV, SERGEI ARKADYEVICH, RU
[72] SEMYONOVYKH, ALEKSANDR SERGEEVICH, RU
[72] SHCHUTSKY, SERGEI YURYEVICH, RU
[73] JOINT STOCK COMPANY "CENTRAL DESIGN BUREAU OF MACHINE BUILDING", RU
[73] SC "ATOMENERGOMASH", RU
[85] 2017-01-19
[86] 2014-07-21 (PCT/RU2014/000537)
[87] (WO2016/013952)

---

[11] **2,958,317**
[13] C
[51] **Int.Cl. B65F 1/14 (2006.01) B65B 9/10 (2006.01) B65F 1/06 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR WASTE DISPOSAL AND CHANGING INFANT-TODDLER BEHAVIOR**
[54] **SYSTEME ET APPAREIL POUR JETER DES DECHETS ET CHANGER LE COMPORTEMENT D'UN BEBE-BAMBIN**
[72] MCCONNELL, THOMAS E., US
[72] LU, YAFEI, US
[73] MCCONNELL, THOMAS E., US
[85] 2017-02-16
[86] 2015-08-28 (PCT/US2015/047450)
[87] (WO2016/033473)
[30] US (14/473,776) 2014-08-29
[30] US (14/473,685) 2014-08-29
[30] US (14/838,247) 2015-08-27
[30] US (14/838,267) 2015-08-27

---

[11] **2,958,501**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 33/00 (2006.01) A61K 47/10 (2017.01) A61K 47/26 (2006.01) A61P 25/22 (2006.01)**
[25] EN
[54] **NEW DELIVERY VEHICLE FOR THERAPEUTIC GASES**
[54] **NOUVEAU SUPPORT D'ADMINISTRATION DE GAZ THERAPEUTIQUES**
[72] PURCELL, MARC, CA
[73] TECHNOLOGIES KHLOROS INC., CA
[85] 2017-02-17
[86] 2015-08-19 (PCT/CA2015/050786)
[87] (WO2016/026041)
[30] US (62/040,195) 2014-08-21

---

[11] **2,959,437**
[13] C
[51] **Int.Cl. C07D 209/10 (2006.01) A61K 31/404 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 209/12 (2006.01) C07D 209/14 (2006.01) C07D 405/06 (2006.01) C07D 409/06 (2006.01)**
[25] EN
[54] **CANNABINOID TYPE 1 RECEPTOR MODULATORS**
[54] **MODULATEURS DU RECEPTEUR CANNABINOIDE DE TYPE 1**
[72] GREIG, IAIN, GB
[72] ZANDA, MATTEO, GB
[72] TSENG, CHIH-CHUNG, GB
[72] ROSS, RUTH, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN, GB
[85] 2017-02-27
[86] 2015-08-26 (PCT/CA2015/050815)
[87] (WO2016/029310)
[30] US (62/042,361) 2014-08-27

---

[11] **2,962,049**
[13] C
[51] **Int.Cl. H02G 3/06 (2006.01) H01R 13/648 (2006.01) H05K 9/00 (2006.01) H01B 7/00 (2006.01)**
[25] EN
[54] **CABLE GLAND ASSEMBLY**
[54] **DISPOSITIF DE PRESSE-ETOUPE**
[72] LONG, DAVID N., US
[72] KIMBALL, PAUL W., US
[72] PLOURDE, JOHN R., US
[72] NGUYEN, DAT VAN, US
[72] PERSKY, JOSHUA E., US
[72] PIELA, NICHOLAS J., US
[73] PROTONEX TECHNOLOGY CORPORATION, US
[86] (2962049)
[87] (2962049)
[22] 2017-03-22
[30] US (15/081,461) 2016-03-25

---

[11] **2,967,707**
[13] C
[51] **Int.Cl. H05F 7/00 (2006.01) H02N 11/00 (2006.01) H02J 50/00 (2016.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF COLLECTING ENERGY UTILIZING A MANAGEMENT SYSTEM FOR AN ENERGY COLLECTION DEVICE, FOR COLLECTING, MANAGING, AND DISCHARGING ENERGY**
[54] **UN SYSTEME ET UNE METHODE DE COLLECTE D'ENERGIE EMPLOYANT UN SYSTEME DE GESTION DESTINE A UN APPAREIL DE COLLECTE D'ENERGIE, SERVANT A COLLECTER, GERER ET EVACUER L'ENERGIE**
[72] MILLER, MITCHELL B., CA
[73] MILLER, MITCHELL B., CA
[86] (2967707)
[87] (2967707)
[22] 2017-05-23

Canadian Patents Issued
March 6, 2018

[11] **2,968,932**
[13] C
[51] **Int.Cl. B23K 9/23 (2006.01) B23K 9/02 (2006.01) C22C 18/04 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **ARC WELDING METHOD FOR ZN PLATED STEEL SHEET AND ARC WELDED JOINT**
[54] **PROCEDE DE SOUDAGE A L'ARC POUR TOLE D'ACIER PLAQUEE DE ZN ET RACCORD SOUDE A L'ARC**
[72] NOBUTOKI, TOMOKAZU, JP
[72] HOSOMI, KAZUAKI, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2017-05-25
[86] 2015-07-31 (PCT/JP2015/071744)
[87] (WO2016/084423)
[30] JP (2014-240402) 2014-11-27

---

[11] **2,974,064**
[13] C
[51] **Int.Cl. B60L 11/18 (2006.01) B60L 3/00 (2006.01) B60R 21/00 (2006.01)**
[25] EN
[54] **PARKING ASSISTANCE DEVICE**
[54] **DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] TSUKAMOTO, YUKINORI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-17
[86] 2015-01-28 (PCT/JP2015/052291)
[87] (WO2016/121022)

---

[11] **2,974,437**
[13] C
[51] **Int.Cl. E02B 3/04 (2006.01) E02B 3/06 (2006.01) E02B 3/10 (2006.01) E02B 7/00 (2006.01) E02B 7/02 (2006.01) E02B 7/20 (2006.01) E02B 8/08 (2006.01)**
[25] EN
[54] **IMPROVED CONTAINMENT DIKE**
[54] **DIGUE DE CONFINEMENT AMELIOREE**
[72] VICKERS, PAUL, CA
[73] P.V. FLOOD CONTROL CORP., CA
[85] 2017-07-19
[86] 2016-04-28 (PCT/US2016/029851)
[87] (WO2016/176489)
[30] US (62/155,269) 2015-04-30

---

[11] **2,974,628**
[13] C
[51] **Int.Cl. A63B 67/14 (2006.01)**
[25] EN
[54] **HOCKEY PUCK**
[54] **PALET DE HOCKEY**
[72] BAUMAN, WALTER DOUGLAS, US
[73] 28 ENGINEERING LLC, US
[85] 2017-07-21
[86] 2015-01-21 (PCT/US2015/012157)
[87] (WO2015/112539)
[30] US (61/929,713) 2014-01-21

---

[11] **2,974,808**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/18 (2006.01) G06K 19/06 (2006.01)**
[25] EN
[54] **METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE**
[54] **PROCEDES ET DISPOSITIF INFORMATIQUE POUR DETERMINER SI UNE MARQUE EST AUTHENTIQUE**
[72] SOBORSKI, MICHAEL L., US
[73] SYS-TECH SOLUTIONS, INC., US
[85] 2017-07-24
[86] 2015-11-02 (PCT/US2015/058620)
[87] (WO2016/133564)
[30] US (14/623,925) 2015-02-17

---

[11] **2,975,416**
[13] C
[51] **Int.Cl. G11B 27/031 (2006.01) G11B 27/34 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TOUCH-BASED MEDIA CREATION**
[54] **PROCEDES ET DISPOSITIFS POUR UNE CREATION MULTIMEDIA A BASE TACTILE**
[72] SNIBBE, SCOTT, US
[72] MCDERMOTT, GRAHAM, US
[72] PONCZEC, JUSTIN, US
[72] SCHOEBEN, SPENCER, US
[72] FULTON, JESSE, US
[73] FACEBOOK, INC., US
[85] 2017-07-28
[86] 2015-01-29 (PCT/US2015/013570)
[87] (WO2015/116841)
[30] US (61/934,665) 2014-01-31
[30] US (14/608,099) 2015-01-28

---

[11] **2,978,338**
[13] C
[51] **Int.Cl. A47J 31/20 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **COFFEE MAKING APPARATUS WITH A FROTH SPOON AND AT LEAST ONE IMPELLER**
[54] **CAFETIERE DOTEE D'UNE CUILLERE DE MOUSSAGE ET D'AU MOINS UNE HELICE**
[72] RYAN, HARRY, US
[73] RYAN BROTHERS COFFEE OF SAN DIEGO, INC., US
[86] (2978338)
[87] (2978338)
[22] 2017-09-06
[30] US (15/596,670) 2017-05-16
[30] US (15/259,666) 2016-09-08

---

[11] **2,980,129**
[13] C
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INSTRUCTING PERSONNEL ON WASHROOM MAINTENANCE REQUIREMENTS**
[54] **SYSTEME ET PROCEDE POUR INSTRUIRE LES MEMBRES D'UN PERSONNEL SUR LES EXIGENCES D'ENTRETIEN DES WC**
[72] BECKER, STEPHEN, US
[72] DUNBAR, CHARLENE, US
[72] KIRKLAND, JASON, US
[72] MOEDE, WARREN, US
[72] SCHULZ, THOMAS H., US
[72] SHEEHAN, CHRISSY, US
[72] SHIPP, PETER W., JR., US
[72] TRAMONTINA, PAUL F., US
[72] ZIELINSKI, MATTHEW T., US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2017-09-13
[86] 2015-03-30 (PCT/US2015/023312)
[87] (WO2016/159953)

[11] **2,980,888**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C30B 29/58 (2006.01)**
[25] EN
[54] **CRYSTAL OF 3,5-DISUBSTITUTED BENZENE ALKYNYL COMPOUND**
[54] **CRISTAL D'UN COMPOSE D'ALCYNYLE DE BENZENE 3,5-DISUBSTITUE**
[72] EGAMI, KOSUKE, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2017-09-25
[86] 2016-03-31 (PCT/JP2016/060844)
[87] (WO2016/159327)
[30] JP (2015-070927) 2015-03-31

---

[11] **2,984,209**
[13] C
[51] **Int.Cl. A61J 1/05 (2006.01) B65D 51/18 (2006.01)**
[25] EN
[54] **LID COVER FOR MEDICINE CONTAINER**
[54] **COUVERCLE-OPERCULE POUR RECIPIENT DE MEDICAMENT**
[72] NISHIOKA, MASAKI, JP
[72] TAKIGUCHI, OSAMU, JP
[72] HAMAI, KATSUYOSHI, JP
[72] MASUDA, TETSUYA, JP
[72] INOUE, FUJIO, JP
[72] TAKEDA, KOICHI, JP
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2017-10-27
[86] 2016-03-04 (PCT/JP2016/056839)
[87] (WO2016/174925)
[30] JP (2015-092898) 2015-04-30

---

[11] **2,984,423**
[13] C
[51] **Int.Cl. B60T 17/22 (2006.01) B60T 8/17 (2006.01)**
[25] EN
[54] **TRAIN BRAKE SAFETY MONITORING AND FAULT ACTION SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE SECURITE DE FREINAGE DE TRAIN ET D'ACTION EN CAS DE PANNE**
[72] WRIGHT, ERIC C., US
[72] CONNEL, JASON, US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2017-10-30
[86] 2015-04-29 (PCT/US2015/028230)
[87] (WO2016/175787)

Canadian Applications Open to Public Inspection

February 18, 2018 to February 24, 2018

Demandes canadiennes mises à la disponibilité du public

18 février 2018 au 24 février 2018

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[21] **2,939,216**
[13] A1
[51] **Int.Cl. A47L 13/10 (2006.01)**
[25] FR
[54] **PLAQUE CLEANER FOR STOVE**
[54] **NETTOYEUR DE PLAQUE POUR CUISINIERE**
[72] SIMARD, MARCEL, CA
[71] SIMARD, MARCEL, CA
[22] 2016-08-18
[41] 2018-02-18

---

[21] **2,939,223**
[13] A1
[51] **Int.Cl. B65D 88/74 (2006.01) A61G 21/00 (2006.01) B65D 90/02 (2006.01)**
[25] EN
[54] **TEMPORARY MORGUE SYSTEM**
[54] **SYSTEME DE MORGUE TEMPORAIRE**
[72] KIEZ, CHRIS T., CA
[71] KIEZ, CHRIS T., CA
[22] 2016-08-18
[41] 2018-02-18

---

[21] **2,939,433**
[13] A1
[51] **Int.Cl. F41J 1/00 (2006.01)**
[25] EN
[54] **MODULAR SHOOTING TARGET**
[54] **CIBLE DE TIR MODULAIRE**
[72] FOLEY, DANIEL SHAUN, CA
[71] INTERACTIVE TACTICAL TRAINING SYSTEMS LTD., CA
[22] 2016-08-19
[41] 2018-02-19

---

[21] **2,939,450**
[13] A1
[51] **Int.Cl. C10C 3/00 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **REDUCING CATIONIC NAPHTHENATES IN BITUMEN THROUGH THE USE OF NANOPARTICLE OR SUB-NANO PARTICLE ZEOLITES**
[54] **REDUCTION DES NAPHTENATES CATIONIQUES DANS LE BITUME PAR L'UTILISATION DE NANOPARTICULES OU DE SOUS-NANOPARTICULES DE ZEOLITE**
[72] SORTWELL, EDWIN T., US
[72] NAKRA, GEETANJALI, US
[71] SORTWELL & CO., US
[22] 2016-08-19
[41] 2018-02-19

---

[21] **2,939,504**
[13] A1
[51] **Int.Cl. B62B 3/00 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **INVENTORY PROCESSING CART AND METHOD OF USE THEREOF**
[54] **CHARIOT DE TRAITEMENT D'INVENTAIRE ET METHODE D'UTILISATION ASSOCIEE**
[72] GREEN, JEFFREY, US
[72] ASHLEY, JESSE, US
[71] WAL-MART STORES, INC., US
[22] 2016-08-19
[41] 2018-02-19

---

[21] **2,939,558**
[13] A1
[51] **Int.Cl. A46B 15/00 (2006.01) A47L 25/00 (2006.01)**
[25] EN
[54] **A HANDLELESS TUBING BRUSH**
[54] **UNE BROSSE DE TUBAGE SANS MANCHE**
[72] YAM, HEWIN, CA
[71] YAM, HEWIN, CA
[22] 2016-08-22
[41] 2018-02-22

---

[21] **2,939,559**
[13] A1
[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 10/08 (2012.01) G06Q 50/14 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING TRAVEL ARRANGEMENTS**
[54] **SYSTEME ET METHODE DE GESTION DES PREPARATIFS DE VOYAGE**
[72] XU, JIANFEI, CA
[72] MCHALE, THOMAS, CA
[71] GEMSTONE TRAVEL MANAGEMENT SYSTEMS INC., CA
[22] 2016-08-22
[41] 2018-02-22

---

[21] **2,939,561**
[13] A1
[51] **Int.Cl. G06N 3/04 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IMPLEMENTING DYNAMIC NEURAL NETWORKS**
[54] **METHODES ET SYSTEMES DE MISE EN PLACE DE RESEAUX NEURONAUX DYNAMIQUES**
[72] VOELKER, AARON R., CA
[72] ELIASMITH, CHRISTOPHER D., CA
[71] APPLIED BRAIN RESEARCH INC., CA
[22] 2016-08-22
[41] 2018-02-22

---

[21] **2,939,594**
[13] A1
[51] **Int.Cl. A47D 7/01 (2006.01) A47D 7/02 (2006.01)**
[25] EN
[54] **CRIB**
[54] **BERCEAU**
[72] SMELTZ, CLAYTON PRESCAN, US
[71] PEDIALIFT LLC, US
[22] 2016-08-19
[41] 2018-02-19

[21] **2,939,627**
[13] A1
[51] **Int.Cl. F16L 21/06 (2006.01) F16L 3/10 (2006.01)**
[25] EN
[54] **RIGID SELF-SEALING PIPE CLAMP SYSTEM AND METHOD**
[54] **SYSTEME DE PINCE DE TUYAU AUTOSCELLANT RIGIDE ET METHODE**
[72] GUIZZO, ROBERT, CA
[71] GUIZZO, ROBERT, CA
[22] 2016-08-18
[41] 2018-02-18

---

[21] **2,939,648**
[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01) B65C 3/02 (2006.01) F16L 55/00 (2006.01) G09F 3/08 (2006.01)**
[25] EN
[54] **BAND IDENTIFYING SYSTEM**
[54] **SYSTEME D'IDENTIFICATION PAR BANDE**
[72] HOUGHTON-RENYARD, JOEL, CA
[71] HOUGHTON-RENYARD, JOEL, CA
[22] 2016-08-18
[41] 2018-02-18

---

[21] **2,939,667**
[13] A1
[51] **Int.Cl. H02S 20/10 (2014.01) H02S 40/32 (2014.01) H02S 40/34 (2014.01)**
[25] EN
[54] **TOTEM POLE SOLAR CAPTURE HOUSING UNIT**
[54] **MODULE DE LOGEMENT CAPTEUR SOLAIRE EN TOTEM**
[72] BRADLEY, PATRICK MICHAEL, CA
[71] BRADLEY, PATRICK MICHAEL, CA
[22] 2016-08-22
[41] 2018-02-22

---

[21] **2,939,672**
[13] A1
[51] **Int.Cl. A41G 5/02 (2006.01)**
[25] EN
[54] **FAKE EYELASHES**
[54] **FAUX-CILS**
[72] HEGERAT, BRITTNEY M., CA
[71] HEGERAT, BRITTNEY M., CA
[22] 2016-08-18
[41] 2018-02-18

---

[21] **2,939,679**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/62 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **FRACTURE LENGTH INCREASING METHOD**
[54] **METHODE D'AUGMENTATION DE LA LONGUEUR D'UNE FRACTURE**
[72] WEBB, MICHAEL BRADY, CA
[71] VELVET ENERGY LTD., CA
[22] 2016-08-18
[41] 2018-02-18

---

[21] **2,939,751**
[13] A1
[51] **Int.Cl. F23G 7/08 (2006.01) F23D 14/34 (2006.01)**
[25] EN
[54] **BURNER FOR A FLARE**
[54] **BRULEUR DESTINE A UNE TORCHE**
[72] PETELA, GRAZYNA, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2016-08-24
[41] 2018-02-24

---

[21] **2,939,890**
[13] A1
[51] **Int.Cl. A41D 3/00 (2006.01) A41D 13/015 (2006.01)**
[25] EN
[54] **COVERALL GARMENT HAVING FIRST SPACED-APART BELT LOOPS**
[54] **VETEMENT COUVRE-TOUT COMPORTANT DES PREMIERES BOUCLES DE CEINTURE ESPACEES**
[72] PROVENCAL, PATRICE R., CA
[71] PROVENCAL, PATRICE R., CA
[22] 2016-08-23
[41] 2018-02-23

---

[21] **2,939,901**
[13] A1
[51] **Int.Cl. B60W 50/14 (2012.01) B60R 99/00 (2009.01) B60W 40/08 (2012.01)**
[25] EN
[54] **CHILDREN SAFEGUARD SYSTEM**
[54] **SYSTEME DE PROTECTION POUR ENFANT**
[72] UNKNOWN, ZZ
[71] XIE, YUN Y.X., CA
[22] 2016-08-23
[41] 2018-02-23

---

[21] **2,940,065**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **METHOD FOR THE RAPID PRODUCTION OF HIGH AFFINITY MONOCLONAL ANITIBODIES**
[54] **METHODE DE PRODUCTION RAPIDE D'ANTICORPS MONOCLONAUX A HAUTE AFFINITE**
[72] BEECROFT, ROB, CA
[71] IMMUNOPRECISE ANTIBODIES LTD., CA
[22] 2016-08-22
[41] 2018-02-22

---

[21] **2,940,125**
[13] A1
[51] **Int.Cl. G08B 21/02 (2006.01)**
[25] EN
[54] **BLUETOOTH CAR MONITOR**
[54] **APPAREIL DE SURVEILLANCE D'AUTO BLUETOOTH**
[72] BUONANNO, MARIO, CA
[71] BUONANNO, MARIO, CA
[22] 2016-08-24
[41] 2018-02-24

[21] **2,940,142**
[13] A1
[51] **Int.Cl. C02F 1/32 (2006.01) C02F 1/44 (2006.01) F03G 5/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **WATER PURIFYING SYSTEM**
[54] **SYSTEME DE PURIFICATION D'EAU**
[72] LEE, DAVID, CA
[71] LEE, DAVID, CA
[22] 2016-08-25
[41] 2018-02-24
[30] US (15/246,504) 2016-08-24

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[21] **2,940,190**
[13] A1
[51] **Int.Cl. H04H 60/33 (2009.01) H04H 60/29 (2009.01) H04N 21/258 (2011.01)**
[25] EN
[54] **MEDIA RESOURCE SYSTEMS AND METHODS FOR PROVIDING CONTENT OWNER REVENUE**
[54] **SYSTEMES DE RESSOURCES MEDIAS ET METHODE DE FOURNITURE DE REVENUS DE PROPRIETAIRE DE CONTENU**
[72] BYMAN, JORDAN, CA
[72] FOURNIER, SEAN, CA
[72] FOURNIER, RENE, CA
[71] BYMAN, JORDAN, CA
[71] FOURNIER, SEAN, CA
[71] FOURNIER, RENE, CA
[22] 2016-08-25
[41] 2018-02-24
[30] US (15246496) 2016-08-24

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[21] **2,941,944**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 1/00 (2006.01) A23J 1/12 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **WHEAT VARIETY XW12Q**
[54] **VARIETE DE BLE XW12Q**
[72] CLARKSON, ROBERT LEWIS, US
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-09-14
[41] 2018-02-24
[30] US (15/245,356) 2016-08-24

---

[21] **2,943,129**
[13] A1
[51] **Int.Cl. E01B 9/40 (2006.01) B21K 7/02 (2006.01) B21K 7/10 (2006.01)**
[25] EN
[54] **HOT FORGED TIE PLATE FOR RAILROAD**
[54] **SELLE DE RAIL FORGEE A CHAUD DESTINEE A UN CHEMIN DE FER**
[72] YOUNG, PATRICK, US
[72] GU, ZHENG, US
[71] YANGTZE RAILROAD MATERIALS, US
[22] 2016-09-26
[41] 2018-02-24
[30] US (15/245781) 2016-08-24

---

[21] **2,943,743**
[13] A1
[51] **Int.Cl. F24F 13/14 (2006.01)**
[25] EN
[54] **APPARATUS FOR INHIBITING AIRFLOW THROUGH A CONDUIT**
[54] **APPAREIL D'INHIBITION DE CIRCULATION DE L'AIR DANS UN CONDUIT**
[72] MONK, ANTHONY CAROLL, CA
[71] THERMAL TECHNICS (1982) CORP., CA
[22] 2016-09-29
[41] 2018-02-18
[30] US (15/240,540) 2016-08-18

---

[21] **2,944,898**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) C10C 3/08 (2006.01)**
[25] EN
[54] **REDUCING MULTIVALENT-CATION NAPHTHENATES IN BITUMEN THROUGH THE USE OF NANOPARTICLE OR SUB-NANO PARTICLE ZEOLITES**
[54] **REDUCTION DES NAPHTENATES CATIONIQUES DANS LE BITUME PAR L'UTILISATION DE NANOPARTICULES OU DE SOUS-NANOPARTICULES DE ZEOLITE**
[72] SORTWELL, EDWIN T., US
[72] NAKRA, GEETANJALI, US
[71] SORTWELL & CO., US
[22] 2016-10-07
[41] 2018-02-19
[30] CA (2939450) 2016-08-19

---

[21] **2,950,852**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING TRANSACTION DATA**
[54] **METHODE ET APPAREIL DE TRAITEMENT DES DONNEES DE TRANSACTION**
[72] PAN, ZHONGGUANG, CN
[72] TENG, YANMEI, CN
[71] PAN, ZHONGGUANG, CN
[22] 2016-12-07
[41] 2018-02-24
[30] CN (2016107203186) 2016-08-24

---

[21] **2,950,857**
[13] A1
[51] **Int.Cl. E01C 19/22 (2006.01) E04F 21/24 (2006.01)**
[25] EN
[54] **OFFSET MOUNTING ADAPTER FOR CONCRETE SURFACE PROCESSING TOOL**
[54] **ADAPTATEUR D'INSTALLATION DECALE DESTINE A UN OUTIL DE TRAITEMENT DE SURFACE DE BETON**
[72] SNYDER, JEFFREY L., US
[72] WAGMAN, GEORGE F., III, US
[71] WAGMAN METAL PRODUCTS, INC., US
[22] 2016-12-07
[41] 2018-02-24
[30] US (15/245,316) 2016-08-24

---

[21] **2,954,823**
[13] A1
[51] **Int.Cl. F03B 17/06 (2006.01) E02B 9/00 (2006.01) F03B 1/02 (2006.01)**
[25] EN
[54] **VERTICAL RIVER CURRENT GENERATOR**
[54] **GENERATEUR DE COURANT DE RIVIERE VERTICAL**
[72] SUATAC, ISMAIL CEMIL, CA
[71] SUATAC, ISMAIL CEMIL, CA
[22] 2017-01-17
[41] 2018-02-19
[30] US (62/376,968) 2016-08-19

[21] **2,956,756**
[13] A1
[51] **Int.Cl. F01P 5/10 (2006.01) F01N 3/02 (2006.01) F01P 3/20 (2006.01) F02B 63/06 (2006.01)**
[25] EN
[54] **WATER SUPPLY/DRAINAGE PUMP**
[54] **POMPE D'ALIMENTATION/EVACUATION D'EAU**
[72] WADA, YASUKI, JP
[71] MATSUSAKA ENGINEERING CO., LTD., JP
[22] 2017-01-31
[41] 2018-02-19
[30] JP (2016-161179) 2016-08-19

---

[21] **2,957,242**
[13] A1
[51] **Int.Cl. E05D 3/00 (2006.01) E05D 7/00 (2006.01)**
[25] EN
[54] **SQUEAK-REDUCING HINGE ARRANGEMENT**
[54] **DISPOSITION DE CHARNIERE REDUCTRICE DE GRINCEMENT**
[72] LAJEWARDI, FARHAD, CA
[72] FALKENSTEIN, MICHAEL K., CA
[71] THE HILLMAN GROUP, INC., US
[22] 2017-02-07
[41] 2018-02-18
[30] US (62/376,694) 2016-08-18
[30] US (15/375,238) 2016-12-12

---

[21] **2,963,774**
[13] A1
[51] **Int.Cl. B01D 27/08 (2006.01)**
[25] EN
[54] **FILTER CARTRIDGE AND FILTER CARTRIDGE ASSEMBLY**
[54] **CARTOUCHE DE FILTRE ET ASSEMBLAGE DE CARTOUCHE DE FILTRE**
[72] SCHULZ, KARSTEN, DE
[72] HIRSCH, GEORG, DE
[72] KLAUS, JURGEN, DE
[72] TAPPER, RENATE, DE
[71] CARL FREUDENBERG KG, DE
[22] 2017-04-07
[41] 2018-02-22
[30] DE (20 2016 005 074.6) 2016-08-22

---

[21] **2,968,781**
[13] A1
[51] **Int.Cl. B64D 45/00 (2006.01) B64F 5/40 (2017.01) G01M 15/00 (2006.01) G01K 7/22 (2006.01)**
[25] EN
[54] **THERMAL EVENT INDICATOR FOR AIRCRAFT ENGINE**
[54] **INDICATEUR D'EVENEMENT THERMIQUE DE MOTEUR D'AERONEF**
[72] GILBERT, ERIC B., US
[71] THE BOEING COMPANY, US
[22] 2017-05-29
[41] 2018-02-22
[30] US (15/243,275) 2016-08-22

---

[21] **2,969,773**
[13] A1
[51] **Int.Cl. A41B 9/02 (2006.01)**
[25] EN
[54] **MALE GARMENT**
[54] **VETEMENT POUR HOMME**
[72] FORTIER, NATHALIE, CA
[71] LES COLLECTIONS HIP INC., CA
[22] 2017-06-05
[41] 2018-02-18
[30] US (62/376,498) 2016-08-18

---

[21] **2,969,776**
[13] A1
[51] **Int.Cl. B64F 5/10 (2017.01) G05D 1/02 (2006.01)**
[25] EN
[54] **MOVEMENT CONTROL FOR TRACKED ROBOT ASSEMBLIES THAT MANUFACTURE AIRCRAFT**
[54] **CONTROLE DE MOUVEMENT D'ASSEMBLAGES DE ROBOT SUR RAIL QUI FABRIQUENT UN AERONEF**
[72] AYYAGARI, ARUN, US
[72] NGUYEN, THI Q., US
[72] LE, NGOC S., US
[72] BANG, BALLY, US
[72] WANG, WEN XIN, US
[72] AMIREHTESHAMI, DAVID H., US
[71] THE BOEING COMPANY, US
[22] 2017-06-06
[41] 2018-02-24
[30] US (15/245589) 2016-08-24

---

[21] **2,969,838**
[13] A1
[51] **Int.Cl. H01Q 15/08 (2006.01) H01P 3/00 (2006.01) H01Q 3/14 (2006.01)**
[25] EN
[54] **STEERABLE ANTENNA ASSEMBLY UTILIZING A DIELECTRIC LENS**
[54] **DISPOSITIF D'ANTENNE ORIENTABLE EMPLOYANT UNE LENTILLE DIELECTRIQUE**
[72] SAVAGE, LARRY LEON, US
[72] THACKER, COREY MCKINEY, US
[71] THE BOEING COMPANY, US
[22] 2017-06-05
[41] 2018-02-24
[30] US (62/379,031) 2016-08-24
[30] US (15/379,228) 2016-12-14

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[21] **2,969,995**
[13] A1
[51] **Int.Cl. H02J 3/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPERATIVELY COUPLING A MICRO-GRID TO A BULK GRID**
[54] **SYSTEMES ET METHODE DE COUPLAGE FONCTIONNEL D'UN MICRO-RESEAU A UN RESEAU DE PRODUCTION-TRANSPORT**
[72] VEDA, SANTOSH SAMBAMOORTHY, US
[72] PREMERLANI, WILLIAM JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-06-08
[41] 2018-02-23
[30] US (15/243,974) 2016-08-23

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[21] **2,970,648**
[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01) F01D 21/14 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE HEALTH MONITORING SYSTEM WITH SHAFT-TWIST SENSORS**
[54] **SYSTEME DE SURVEILLANCE DE L'ETAT D'UNE TURBINE DOTE DE DETECTEUR DE TORSION D'ARBRE**
[72] FLETCHER, WILLIAM S., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-06-14
[41] 2018-02-22
[30] US (15/243107) 2016-08-22

[21] **2,971,265**
[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01) E03D 9/00 (2006.01)**
[25] EN
[54] **MULTI-WAVELENGTH ULTAVIOLET LIGHT SANITIZING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ASSAINISSEMENT AU RAYONNEMENT ULTRAVIOLET MULTI LONGUEUR D'ONDE**
[72] LIN, CHAO-HSIN, US
[72] DYTIOCO, ROVELYN T., US
[72] NORRIS, SHARON L., US
[71] THE BOEING COMPANY, US
[22] 2017-06-16
[41] 2018-02-24
[30] US (15/245,251) 2016-08-24

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[21] **2,971,979**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **LINE SEPARATING DEVICE FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF DE SEPARATION DE LIGNE DESTINE A UN INSTRUMENT ARATOIRE**
[72] BORIACK, CALE NOLAN, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-06-27
[41] 2018-02-19
[30] US (15/242,163) 2016-08-19

---

[21] **2,972,109**
[13] A1
[51] **Int.Cl. G01S 17/95 (2006.01) G01S 13/95 (2006.01) G01S 13/86 (2006.01)**
[25] EN
[54] **MEASURING CLOUD METRICS USING DIVERGING QUASI-OPTICAL RADAR**
[54] **MESURE DES PARAMETRES DE NUAGES AU MOYEN D'UN RADAR QUASI-OPTIQUE DIVERGENT**
[72] RAY, MARK, US
[72] ANDERSON, KAARE JOSEF, US
[72] MILLER, MARK SHERWOOD, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-06-27
[41] 2018-02-18
[30] US (15/240,438) 2016-08-18

---

[21] **2,972,152**
[13] A1
[51] **Int.Cl. A45D 2/00 (2006.01) A45D 2/14 (2006.01) A45D 6/00 (2006.01)**
[25] EN
[54] **TOOL AND METHOD FOR TIGHTENING DREADLOCKS**
[54] **OUTIL ET METHODE DE SERRAGE DE TRESSES RASTAS**
[72] SALMON, KWAME, CA
[71] SALMON, KWAME, CA
[22] 2017-06-28
[41] 2018-02-24
[30] US (62/378,937) 2016-08-24

---

[21] **2,972,412**
[13] A1
[51] **Int.Cl. B61L 27/00 (2006.01) B61C 17/00 (2006.01)**
[25] EN
[54] **REDUNDANT METHOD OF CONFIRMING AN ECP PENALTY**
[54] **METHODE REDONDANTE DE CONFIRMATION D'UNE PENALITE ECP**
[72] RICE, DANIAL, US
[72] WOLF, CHARLES L., US
[72] CORTIE, ALAN LAURENCE, US
[72] BENDER, PAUL GERARD, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2017-07-06
[41] 2018-02-18
[30] US (15/240,429) 2016-08-18

---

[21] **2,972,458**
[13] A1
[51] **Int.Cl. G01F 23/14 (2006.01) B64D 37/02 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING A FUEL LEVEL MEASUREMENT OF A FUEL TANK USING OPTICAL SENSORS**
[54] **SYSTEMES ET METHODES DE DETERMINATION D'UNE MESURE DU NIVEAU DE CARBURANT D'UN RESERVOIR DE CARBURANT AU MOYEN DE DETECTEURS OPTIQUES**
[72] CARRALERO, MICHAEL A., US
[72] KASIM, KAWTHAR, US
[72] TRUZZI, PAUL SCOTT, US
[71] THE BOEING COMPANY, US
[22] 2017-06-30
[41] 2018-02-22
[30] US (15/243,062) 2016-08-22

---

[21] **2,972,632**
[13] A1
[51] **Int.Cl. G02B 6/40 (2006.01)**
[25] EN
[54] **INTERNAL HARNESSING MEMBERS AND METHOD FOR BEND CONTROL OF OPTICAL FIBERS IN CONNECTOR ASSEMBLIES**
[54] **ELEMENTS D'EXPLOITATION INTERNE ET METHODE DE CONTROLE DE COURBURE DES FIBRES OPTIQUES DANS LES DISPOSITIFS CONNECTEURS**
[72] SMITH, DANIEL M., US
[72] GRANDIDGE, RYAN J., US
[72] LUCY, JAMES, US
[72] RICHARD, ALEX, US
[71] ORTRONICS, INC., US
[22] 2017-07-07
[41] 2018-02-19
[30] US (62/377,002) 2016-08-19
[30] US (15/639,499) 2017-06-30

---

[21] **2,973,171**
[13] A1
[51] **Int.Cl. A47B 88/437 (2017.01) A47B 88/467 (2017.01) A47B 88/477 (2017.01)**
[25] EN
[54] **PULL-OUT GUIDE**
[54] **GUIDE DE TIROIR**
[72] MASON, DALE WILLIAM, US
[72] BOWMAN, CHRISTOPHER BLANE, US
[72] JIANG, CHENG, US
[72] PEER, MANFRED, US
[72] DOMENIG, GEORG, US
[72] GENGXI, CAI, CN
[71] GRASS AMERICA, INC., US
[22] 2017-07-12
[41] 2018-02-23
[30] US (15/244,449) 2016-08-23

---

[21] **2,973,848**
[13] A1
[51] **Int.Cl. A61L 2/24 (2006.01) A61L 2/20 (2006.01)**
[25] EN
[54] **OZONE VENTILATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE VENTILATION D'OZONE**
[72] LIN, CHAO-HSIN, US
[72] NORRIS, SHARON L., US
[71] THE BOEING COMPANY, US
[22] 2017-07-18
[41] 2018-02-19
[30] US (15/241438) 2016-08-19

[21] **2,973,860**
[13] A1
[51] **Int.Cl. C09D 7/61 (2018.01) C09D 7/62 (2018.01)**
[25] EN
[54] **FUMED SILICA FOR SUPERHYDROPHOBIC, SUPERHYDROPHILIC OR OMNIPHOBIC SURFACES**
[54] **SILICE FUMEE DESTINEE A DES SURFACES SUPERHYDROPHOBES, SUPERHYDROPHILES OU OMNIPHOBES**
[72] WILLIAMS, GREGORY ALLEN, US
[71] BEHR PROCESS CORPORATION, US
[22] 2017-07-19
[41] 2018-02-24
[30] US (15/245,566) 2016-08-24

---

[21] **2,974,202**
[13] A1
[51] **Int.Cl. B01D 11/02 (2006.01)**
[25] EN
[54] **SUPERFLUID EXTRACTION APPARATUS**
[54] **APPAREIL D'EXTRACTION DE SUPERFLUIDE**
[72] SEABROOK, JAMES ANTHONY, CA
[72] MACKINTOSH, RYAN ALASTAIR, CA
[71] VITALIS EXTRACTION TECHNOLOGY INC., CA
[22] 2017-07-24
[41] 2018-02-23
[30] US (62/378,437) 2016-08-23

---

[21] **2,974,250**
[13] A1
[51] **Int.Cl. G06F 11/30 (2006.01)**
[25] EN
[54] **TRACING SYSTEM OPERATIONS ACROSS REMOTE PROCEDURE LINKAGES TO IDENTIFY REQUEST ORIGINATORS**
[54] **OPERATIONS DE SYSTEME DE SUIVI SUR DES LIAISONS DE PROCEDURE A DISTANCE EN VUE D'IDENTIFIER LES INITIATEURS DE REQUETE**
[72] IONESCU, ION-ALEXANDRU, DE
[72] KREUZER, TIMO, DE
[72] LEMASTERS, AARON, US
[71] CROWDSTRIKE, INC., US
[22] 2017-07-20
[41] 2018-02-18
[30] US (15/240,860) 2016-08-18

---

[21] **2,974,427**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **A DEVICE AND SYSTEM TO OBTAIN CUSTOMER FEEDBACK**
[54] **UN DISPOSITIF ET UN SYSTEME PERMETTANT D'OBTENIR UNE RETROACTION D'UN CONSOMMATEUR**
[72] SAADATFAR, ZEINOLABEDIN, CA
[71] SAADATFAR, ZEINOLABEDIN, CA
[22] 2017-07-24
[41] 2018-02-18
[30] US (15/240,228) 2016-08-18

---

[21] **2,974,444**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01) B60W 50/14 (2012.01)**
[25] EN
[54] **AUTOMOBILE INFORMATION BEACON**
[54] **BALISE D'INFORMATION AUTOMOBILE**
[72] BODE, BRIAN, US
[72] THOMPSON, JOHN PAUL, US
[71] WAL-MART STORES, INC., US
[22] 2017-07-25
[41] 2018-02-23
[30] US (62/378,475) 2016-08-23

---

[21] **2,974,521**
[13] A1
[51] **Int.Cl. B60R 25/102 (2013.01) B60R 16/023 (2006.01)**
[25] EN
[54] **VEHICLE SYSTEM INCLUDING SECURITY UNIT PROVIDING DEGRADATION COMMANDS VIA A VEHICLE DATA BUS AND RELATED METHODS**
[54] **SYSTEME DE VEHICULE COMPRENANT UN MODULE DE SECURITE FOURNISSANT DES COMMANDES DE DEGRADATION AU MOYEN DES DONNEES DE VEHICULE ET METHODES ASSOCIEES**
[72] FLICK, KENNETH E., US
[71] OMEGA PATENTS, L.L.C., US
[22] 2017-07-26
[41] 2018-02-19
[30] US (15/241,596) 2016-08-19

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[21] **2,974,563**
[13] A1
[51] **Int.Cl. B27B 25/02 (2006.01)**
[25] EN
[54] **CARBIDE INSERT MECHANICAL CLAMP FEED ROLLER**
[54] **ROULEAU D'ENTRAINEMENT A PINCE MECANIQUE A INSERTION DE CARBURE**
[72] MARTIN, RUSSELL L., US
[71] GREAT LAKES CUSTOM TOOL MFG., INC., US
[22] 2017-07-26
[41] 2018-02-19
[30] US (15/241,663) 2016-08-19

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[21] **2,974,571**
[13] A1
[51] **Int.Cl. B63H 20/10 (2006.01) B63H 21/21 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING TRIM POSITION OF A PROPULSION DEVICE ON A MARINE VESSEL**
[54] **METHODE ET SYSTEME DE CONTROLE DE LA POSITION DE LA GARNITURE D'UN DISPOSITIF A PROPULSION SUR UN BATEAU**
[72] ANSCHUETZ, STEVEN M., US
[71] BRUNSWICK CORPORATION, US
[22] 2017-07-26
[41] 2018-02-22
[30] US (15/243,203) 2016-08-22

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[21] **2,974,575**
[13] A1
[51] **Int.Cl. B63H 20/10 (2006.01) B63H 21/21 (2006.01) B63H 25/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING TRIM POSITION OF PROPULSION DEVICE ON A MARINE VESSEL**
[54] **SYSTEME ET METHODE DE CONTROLE DE LA POSITION DE LA GARNITURE DE DISPOSITIF A PROPULSION SUR UN BATEAU**
[72] ANSCHUETZ, STEVEN M., US
[71] BRUNSWICK CORPORATION, US
[22] 2017-07-26
[41] 2018-02-22
[30] US (15/243,101) 2016-08-22
[30] US (15/243,285) 2016-08-22

[21] **2,974,577**
[13] A1
[51] **Int.Cl. A01B 73/02 (2006.01) A01B 51/04 (2006.01)**
[25] FR
[54] **AGRICULTURAL MACHINE INCLUDING A REFOLDING ASSISTANCE DEVICE**
[54] **MACHINE AGRICOLE COMPORTANT UN DISPOSITIF D'ASSISTANCE AU REPLIAGE**
[72] ANTONI, PASCAL, FR
[72] LESIEUR, LUDOVIC, FR
[72] SEEMANN, MICHEL, FR
[71] KUHN S.A., FR
[22] 2017-07-25
[41] 2018-02-19
[30] FR (16 57 831) 2016-08-19

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[21] **2,975,034**
[13] A1
[51] **Int.Cl. H04W 88/02 (2009.01) H04W 24/00 (2009.01) H01F 38/14 (2006.01)**
[25] EN
[54] **A DEVICE AND METHOD FOR ANTENNA ALIGNMENT USING VIBRATIONAL POSITIONING**
[54] **UN DISPOSITIF ET UNE METHODE D'ALIGNEMENT D'ANTENNE AU MOYEN DE POSITIONNEMENT VIBRATOIRE**
[72] RANDELL, JERROLD RICHARD, CA
[72] SMADI, MOHAMMED NAWAF, CA
[72] CLEMMER, JEFFREY RONALD, CA
[72] HU, ANTHONY, CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-07-31
[41] 2018-02-22
[30] US (15/242680) 2016-08-22

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[21] **2,975,178**
[13] A1
[51] **Int.Cl. B64C 3/26 (2006.01) B64F 5/10 (2017.01) B64D 45/02 (2006.01) F16B 37/04 (2006.01)**
[25] EN
[54] **WING AND METHOD OF MANUFACTURING**
[54] **AILE ET PROCEDE DE FABRICATION**
[72] WILKERSON, JEFFREY A., US
[71] THE BOEING COMPANY, US
[22] 2017-08-02
[41] 2018-02-24
[30] US (15/245769) 2016-08-24

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[21] **2,975,485**
[13] A1
[51] **Int.Cl. B41F 31/00 (2006.01)**
[25] EN
[54] **METHODS FOR REJUVENATING AN IMAGING MEMBER OF AN INK-BASED DIGITAL PRINTING SYSTEM**
[54] **METHODE DE RAJEUNISSEMENT D'UN ELEMENT D'IMAGERIE D'UN SYSTEME D'IMPRESSION NUMERIQUE A BASE D'ENCRE**
[72] STOWE, TIMOTHY D., US
[72] ANDERSON, GREGORY B., US
[72] BADESHA, SANTOKH S., US
[72] KANUNGO, MANDAKINI, US
[71] XEROX CORPORATION, US
[71] PALO ALTO RESEARCH CENTER INCORPORATED, US
[22] 2017-08-03
[41] 2018-02-18
[30] US (15/240691) 2016-08-18

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[21] **2,975,489**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **CONTACT LENS WITH IMPROVED VISUAL PERFORMANCE AND MINIMIZED HALO UTILIZING PUPIL APODIZATION**
[54] **LENTILLE DE CONTACT A RENDEMENT VISUEL AMELIORE ET HALO MINIMISE EMPLOYANT L'APODISATION DE LA PUPILLE**
[72] CHEN, MINGHAN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-08-04
[41] 2018-02-18
[30] US (15/240,025) 2016-08-18

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[21] **2,975,492**
[13] A1
[51] **Int.Cl. H01H 71/10 (2006.01) H01H 3/42 (2006.01) H01H 83/02 (2006.01)**
[25] EN
[54] **GROUND FAULT TRIP ASSEMBLY**
[54] **MECANISME DECLENCHEUR DE DEFAUT DE TERRE**
[72] CHEN, MARTIN, CN
[72] XIONG, TOM, CN
[72] ZHONG, KEVIN, CN
[71] EATON CORPORATION, US
[22] 2017-08-03
[41] 2018-02-22
[30] US (15/242,707) 2016-08-22

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[21] **2,975,493**
[13] A1
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 34/10 (2006.01) F16K 17/02 (2006.01)**
[25] EN
[54] **TUBING PRESSURE ACTUATED SAFETY VALVE**
[54] **VALVE DE SECURITE ACTIONNEE PAR PRESSION DU TUBAGE**
[72] BIGRIGG, SCOTT A., US
[72] SIMS, BRYAN J., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[22] 2017-08-03
[41] 2018-02-23
[30] US (15/244,131) 2016-08-23

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[21] **2,975,593**
[13] A1
[51] **Int.Cl. F03B 13/18 (2006.01) E02B 9/08 (2006.01)**
[25] EN
[54] **WAVE POWER GENERATION APPARATUS**
[54] **APPAREIL DE PRODUCTION D'ENERGIE A PARTIR DES VAGUES**
[72] LIAO, FANG-YING, TW
[72] LIAO, YU-SENG, TW
[72] LIAO, HSUAN-HSIEN, TW
[72] LIAO, JEN-LI, TW
[72] LIAO HU, WEN-HUA, TW
[71] LIAO, FANG-YING, TW
[71] LIAO, YU-SENG, TW
[71] LIAO, HSUAN-HSIEN, TW
[22] 2017-08-08
[41] 2018-02-24
[30] TW (105127061) 2016-08-24

[21] **2,975,697**
[13] A1
[51] **Int.Cl. A01K 67/00 (2006.01)**
[25] EN
[54] **REARING METHOD FOR GROWING CATTLE**
[54] **METHODE D'ELEVAGE DE BOVINS EN CROISSANCE**
[72] SHINODA, AKIKO, JP
[72] WATANABE, TAKASHI, JP
[72] SUGINO, TOSHIHISA, JP
[72] MON, MAMIKO, JP
[71] SHOWA DENKO K.K., JP
[71] HIROSHIMA UNIVERSITY, JP
[22] 2017-08-08
[41] 2018-02-19
[30] JP (2016-161133) 2016-08-19

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[21] **2,975,712**
[13] A1
[51] **Int.Cl. B60N 3/02 (2006.01) B62D 33/00 (2006.01) B62D 63/04 (2006.01)**
[25] EN
[54] **STANCHION PADDING**
[54] **COUSSINAGE DE MONTANT**
[72] KLINCK, MICHAEL, CA
[72] STRONG, SCOTT, CA
[71] AMATRIMARA INC. C.O.B. RIVER DRIVE MANUFACTURING, CA
[71] BENTECH INC., US
[22] 2017-08-09
[41] 2018-02-24
[30] US (62/378,771) 2016-08-24

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[21] **2,975,741**
[13] A1
[51] **Int.Cl. H02H 9/04 (2006.01) B64D 45/02 (2006.01)**
[25] EN
[54] **SURGE PROTECTION CIRCUIT**
[54] **CIRCUIT DE PROTECTION CONTRE LA SURTENSION**
[72] HOEKSTRA, ERIC JOHN, US
[72] COLLINS, BRIAN MICHAEL, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-08-10
[41] 2018-02-22
[30] US (15/243,526) 2016-08-22

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[21] **2,975,765**
[13] A1
[51] **Int.Cl. H01T 2/00 (2006.01) F02C 7/266 (2006.01) H01T 1/20 (2006.01) H05H 1/52 (2006.01) H01J 61/067 (2006.01) H01J 61/12 (2006.01)**
[25] EN
[54] **KRYPTON-85-FREE SPARK GAP WITH A DISCHARGE PROBE**
[54] **ECLATEUR EXEMPT DE KRYPTON 85 DOTE D'UNE SONDE DE DECHARGE**
[72] MICHAEL, JOSEPH DARRYL, US
[72] SOMMERER, TIMOTHY JOHN, US
[72] YOUNSI, KARIM, US
[72] RAHMANE, MOHAMED, US
[72] TROTTER, JASON FREDRICK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-08-10
[41] 2018-02-18
[30] US (62/376,426) 2016-08-18
[30] US (15/400,749) 2017-01-06

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[21] **2,975,835**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING RETAIL PRODUCTS**
[54] **SYSTEME ET METHODE DE GESTION DES PRODUITS DE VENTE AU DETAIL**
[72] CHERUKU, ADITYA REDDY, US
[72] STEEL, STEPHEN, US
[72] FAROOQ, HAMZA, US
[72] PATRI, TRINATH, US
[71] WAL-MART STORES, INC., US
[22] 2017-08-10
[41] 2018-02-23
[30] US (62/378,433) 2016-08-23

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[21] **2,976,202**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING RETAIL PRODUCTS**
[54] **SYSTEME ET METHODE DE GESTION DES PRODUITS DE VENTE AU DETAIL**
[72] CHERUKU, ADITYA REDDY, US
[72] STEEL, STEPHEN, US
[72] FAROOQ, HAMZA, US
[72] PATRI, TRINATH, US
[71] WAL-MART STORES, INC., US
[22] 2017-08-11
[41] 2018-02-23
[30] US (62/378,409) 2016-08-23

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[21] **2,976,247**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **PERMEABLE PORT COVER SYSTEM AND METHOD**
[54] **DISPOSITIF DE COUVERCLE D'ORIFICE PERMEABLE ET METHODE**
[72] THEMIG, DANIEL J., CA
[71] PACKERS PLUS ENERGY SERVICES INC., CA
[22] 2017-08-15
[41] 2018-02-22
[30] US (US62/378086) 2016-08-22

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[21] **2,976,262**
[13] A1
[51] **Int.Cl. A61B 5/042 (2006.01) A61B 5/0408 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **CATHETER WITH SPLIT ELECTRODE SLEEVE AND RELATED METHODS**
[54] **CATHETER A MANCHON D'ELECTRODE FENDU ET METHODES ASSOCIEES**
[72] AUJLA, VISHAV MANAK SINGH, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-08-14
[41] 2018-02-24
[30] US (15/246,434) 2016-08-24

[21] **2,976,300**
[13] A1
[51] **Int.Cl. E01H 5/09 (2006.01) E01H 1/05 (2006.01) E01H 1/08 (2006.01) E01H 6/00 (2006.01)**
[25] EN
[54] **CLEARING VEHICLE WITH A COUPLEABLE SWEEPER-BLOWER ARRANGEMENT**
[54] **VEHICULE DE NETTOYAGE EQUIPE D'UN DISPOSITIF BALAYEUR-SOUFFLEUR RACCORDABLE**
[72] HERZOG, KURT, CH
[72] WUILLEMIN, KURT, CH
[71] MARCEL BOSCHUNG AG, CH
[22] 2017-08-14
[41] 2018-02-18
[30] EP (16 001 817.2) 2016-08-18

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[21] **2,976,359**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **CATHETER WITH BIPOLE ELECTRODE SPACER AND RELATED METHODS**
[54] **CATHETER AESPACEMENT D'ELECTRODE BIPOLAIRE ET METHODES ASSOCIEES**
[72] AUJLA, VISHAV MANAK SINGH, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-08-14
[41] 2018-02-24
[30] US (15/246,450) 2016-08-24

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[21] **2,976,405**
[13] A1
[51] **Int.Cl. H02P 25/08 (2016.01) B60L 15/06 (2006.01) H02P 25/18 (2006.01)**
[25] EN
[54] **CIRCUIT AND CONTROL METHOD FOR THE SAME**
[54] **CIRCUIT ET METHODE DE COMMANDE DUDIT CIRCUIT**
[72] DEGUCHI, JUNICHI, JP
[72] FUNAHASHI, MAKOTO, JP
[72] YOSHIZUE, KENSUKE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-08-15
[41] 2018-02-24
[30] JP (2016-163986) 2016-08-24

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[21] **2,976,471**
[13] A1
[51] **Int.Cl. B65B 67/12 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **SHOPPING CART BAGGING STATION AND METHOD OF FORMING THE SAME**
[54] **POSTE DE MISE EN SAC DE CONTENU DE PANIER D'ACHATS ET METHODE DE FORMATION ASSOCIEE**
[72] BACALLAO, YURGIS MAURO, US
[71] WAL-MART STORES, INC., US
[22] 2017-08-15
[41] 2018-02-19
[30] US (62/377,135) 2016-08-19
[30] US (62/377,143) 2016-08-19

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[21] **2,976,478**
[13] A1
[51] **Int.Cl. B65B 67/12 (2006.01) B62B 3/00 (2006.01) B65B 67/00 (2006.01)**
[25] EN
[54] **SHOPPING CART BAGGING STATION AND METHOD OF FORMING THE SAME**
[54] **POSTE DE MISE EN SAC DE CONTENU DE PANIER D'ACHATS ET METHODE DE FORMATION ASSOCIEE**
[72] BACALLAO, YURGIS MAURO, US
[71] WAL-MART STORES, INC., US
[22] 2017-08-15
[41] 2018-02-19
[30] US (62/377,135) 2016-08-19
[30] US (62/377,143) 2016-08-19

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[21] **2,976,498**
[13] A1
[51] **Int.Cl. B64C 7/00 (2006.01) B64D 33/00 (2006.01)**
[25] EN
[54] **DRAIN MAST OF AN AIRCRAFT**
[54] **DRAIN PROFILE DESTINE A UN AERONEF**
[72] CASADO MONTERO, CARLOS, ES
[72] HERNANZ MANRIQUE, JOSE ANGEL, ES
[72] MOLINA, ALBERTO, ES
[71] AIRBUS OPERATIONS S.L., ES
[22] 2017-08-14
[41] 2018-02-22
[30] EP (16382400.6) 2016-08-22

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[21] **2,976,506**
[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B66C 23/69 (2006.01)**
[25] EN
[54] **TELESCOPIC CONNECTION COMPONENT AND AERIAL WORK PLATFORM**
[54] **COMPOSANTE DE RACCORD TELESCOPIQUE ET PLATEFORME DE TRAVAIL AERIENNE**
[72] XU, SHUGEN, CN
[71] ZHEJIANG DINGLI MACHINERY CO., LTD., CN
[22] 2017-08-15
[41] 2018-02-24
[30] CN (2016107262540) 2016-08-24

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[21] **2,976,509**
[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B60R 16/03 (2006.01) B66C 13/52 (2006.01)**
[25] EN
[54] **VEHICLE WITH A ROTARY CONTROL BOX AND AERIAL WORK PLATFORM**
[54] **VEHICULE A BOITE DE COMMANDE ROTATIVE ET PLATEFORME DE TRAVAIL AERIENNE**
[72] XU, SHUGEN, CN
[71] ZHEJIANG DINGLI MACHINERY CO., LTD., CN
[22] 2017-08-15
[41] 2018-02-24
[30] CN (2016107188877) 2016-08-24

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[21] **2,976,535**
[13] A1
[51] **Int.Cl. F16L 21/02 (2006.01) F02C 7/28 (2006.01) F16J 15/06 (2006.01) F16L 5/10 (2006.01) F16L 51/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SEALING A FLUID SYSTEM IN A SAFETY CONDITION**
[54] **SYSTEME ET METHODE D'ETANCHEISATION D'UN SYSTEME DE FLUIDE DANS UN ETAT SECURITAIRE**
[72] DI FLORIO, DOMENICO, CA
[72] HOSKING, ERIC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-15
[41] 2018-02-18
[30] US (15/240,418) 2016-08-18

[21] 2,976,543
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) B60K 35/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUGMENTED REALITY HEAD UP DISPLAY FOR VEHICLES**
[54] **SYSTEME ET METHODE D'AFFICHAGE TETE HAUTE DE REALITE AUGMENTEE DESTINES AUX VEHICULES**
[72] BHALLA, VIJYAT, CA
[71] 8696322 CANADA INC., CA
[22] 2017-08-16
[41] 2018-02-23
[30] US (62/378,274) 2016-08-23

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[21] 2,976,546
[13] A1
[51] **Int.Cl. G01B 11/00 (2006.01)**
[25] EN
[54] **METHOD, KIT AND TARGET FOR MULTIMODE 3D IMAGING SYSTEMS**
[54] **METHODE, TROUSSE ET CIBLE DESTINEES A DES SYSTEMES D'IMAGERIE 3D MULTIMODE**
[72] COURNOYER, LUC, CA
[72] PICARD, MICHEL, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2017-08-16
[41] 2018-02-19
[30] US (62/376,991) 2016-08-19

---

[21] 2,976,563
[13] A1
[51] **Int.Cl. H04W 56/00 (2009.01) H04K 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING ADAPTIVE SYNCHRONIZATION OF LTE COMMUNICATION SYSTEMS**
[54] **SYSTEME ET METHODE DE FOURNITURE DE SYNCHRONISATION ADAPTATIVE DE SYSTEMES DE COMMUNICATION LTE**
[72] EL-KEYI, AMR, CA
[72] YANIKOMEROGLU, HALIM, CA
[72] URETEN, OKTAY, CA
[72] YENSEN, TREVOR N., CA
[71] ALLEN-VANGUARD CORPORATION, CA
[22] 2017-08-17
[41] 2018-02-18
[30] US (62/376,477) 2016-08-18

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[21] 2,976,571
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SEAMLESS INTEGRATION OF FINANCIAL INFORMATION WITHIN A MOBILE RETAIL APPLICATION FRAMEWORK**
[54] **INTEGRATION TRANSPARENTE D'INFORMATION FINANCIERE DANS UN CADRE DE TRAVAIL D'APPLICATION MOBILE DE VENTE AU DETAIL**
[72] NACK, DAVID, US
[72] LOWE, KAREN, US
[71] COMENITY LLC, US
[22] 2017-08-16
[41] 2018-02-18
[30] US (62/376824) 2016-08-18
[30] US (15/394690) 2016-12-29

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[21] 2,976,574
[13] A1
[51] **Int.Cl. E04C 5/18 (2006.01) E04C 5/01 (2006.01)**
[25] EN
[54] **THREADED REBAR HOOP AND METHOD OF FORMING AND USE THEREOF**
[54] **BOUCLE DE BARRE D'ARMATURE FILETEE ET METHODE DE FORMAGE ET UTILISATION ASSOCIEE**
[72] GRIGGS, FRANCIS W., US
[72] PATTERSON, TIM ANDREW, US
[72] BENZENHAFER, DELBERT A., JR., US
[71] NUCOR STEEL BIRMINGHAM, INC., US
[22] 2017-08-17
[41] 2018-02-19
[30] US (62/377,348) 2016-08-19
[30] US (15/678,754) 2017-08-16

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[21] 2,976,649
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/0775 (2010.01) C12N 5/0793 (2010.01) A61K 35/28 (2015.01) A61K 35/30 (2015.01) A61P 25/28 (2006.01)**
[25] EN
[54] **L-MYC EXPRESSION MAINTAINS SELF RENEWAL AND PROLONGS MULTIPOTENCY OF PRIMARY HUMAN NEURAL STEM CELLS**
[54] **EXPRESSION DE L-MYC MAINTENANT L'AUTORENOUVELLEMENT ET PROLONGEANT LA MULTIPOTENCE DES CELLULES SOUCHES NEURALES HUMAINES PRIMAIRES**
[72] GUTOVA, MARGARITA, US
[71] GUTOVA, MARGARITA, US
[22] 2017-08-17
[41] 2018-02-18
[30] US (62/376,822) 2016-08-18

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[21] 2,976,677
[13] A1
[51] **Int.Cl. A01G 13/00 (2006.01) A01G 23/099 (2006.01) F16B 15/00 (2006.01)**
[25] EN
[54] **CLAMP ARRANGEMENT, SETTING TOOL SYSTEM AND USE OF A SETTING TOOL SYSTEM**
[54] **DISPOSITION DE PINCE, MECANISME D'OUTIL D'INSTALLATION ET UTILISATION D'UN MECANISME D'OUTIL D'INSTALLATION**
[72] LATSCHBACHER, KLAUS, AT
[71] LATSCHBACHER GMBH, AT
[22] 2017-08-16
[41] 2018-02-24
[30] EP (16 185 491.4) 2016-08-24

[21] **2,976,680**
[13] A1
[51] **Int.Cl. G02C 7/08 (2006.01) G02B 3/14 (2006.01) G02C 7/04 (2006.01) G02F 1/1343 (2006.01)**
[25] EN
[54] **VARIABLE OPTIC OPHTHALMIC DEVICE INCLUDING LIQUID CRYSTAL ELEMENTS**
[54] **DISPOSITIF OPHTALMIQUE A OPTIQUE VARIABLE INCLUANT DES ELEMENTS DE CRISTAUX LIQUIDES**
[72] BEATON, STEPHEN R., US
[72] DE SIO, LUCIANO, US
[72] FLITSCH, FREDERICK A., US
[72] PANDOJIRAO, PRAVEEN, US
[72] PUGH, RANDALL BRAXTON, US
[72] RIALL, JAMES DANIEL, US
[72] SERAK, SVETLANA, US
[72] TABIRIAN, NELSON V., US
[72] TONER, ADAM, US
[72] USKOVA, OLENA, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-08-16
[41] 2018-02-24
[30] US (15/245,532) 2016-08-24

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[21] **2,976,690**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/506 (2006.01) A61P 1/16 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **DIACYLGLYCEROL ACYLTRANSFERASE 2 INHIBITORS**
[54] **INHIBITEURS DE DIACYLGLYCEROL ACYLTRANSFERASE 2**
[72] BOEHM, MARKUS, US
[72] CABRAL, SHAWN, US
[72] DOWLING, MATTHEW S., US
[72] FUTATSUGI, KENTARO, US
[72] HUARD, KIM, US
[72] LEE, ESTHER CHENG YIN, US
[72] LI, QIFANG, US
[72] LONDREGAN, ALLYN T., US
[72] POLIVKOVA, JANA, US
[72] PRICE, DAVID A., US
[71] PFIZER INC., US
[22] 2017-08-16
[41] 2018-02-19
[30] US (62/377,137) 2016-08-19

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[21] **2,976,706**
[13] A1
[51] **Int.Cl. F04D 29/08 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **PUMP HAVING EDGE MOUNTED O-RING SEAL**
[54] **POMPE COMPORTANT UN JOINT TORIQUE INSTALLE SUR LE REBORD**
[72] COLBY, DOUGLAS D., US
[71] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US
[22] 2017-08-17
[41] 2018-02-24
[30] US (62/378,965) 2016-08-24
[30] US (15/670,022) 2017-08-07

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[21] **2,976,725**
[13] A1
[51] **Int.Cl. B21C 37/06 (2006.01) B21D 39/03 (2006.01)**
[25] EN
[54] **TUBULAR STRUCTURES AND KNURLING SYSTEMS AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **STRUCTURES TUBULAIRES ET MECANISMES DE CANNELAGE ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**
[72] SINDELAR, ROMAN, CA
[71] DEFLECTO, LLC, US
[22] 2017-08-16
[41] 2018-02-18
[30] US (62/376,586) 2016-08-18

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[21] **2,976,727**
[13] A1
[51] **Int.Cl. B60R 21/207 (2006.01) B60N 2/64 (2006.01)**
[25] EN
[54] **VEHICULAR SEAT INSTALLED WITH SIDE AIRBAG DEVICE**
[54] **SIEGE DE VEHICULE INSTALLE DOTE D'UN DISPOSITIF DE COUSSIN GONFLABLE LATERAL**
[72] FUKAWATASE, OSAMU, JP
[72] KOMURA, TAKAMICHI, JP
[72] SUGAWARA, HIROE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-08-17
[41] 2018-02-22
[30] JP (2016-162266) 2016-08-22

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[21] **2,976,762**
[13] A1
[51] **Int.Cl. F25D 1/02 (2006.01) A01K 97/01 (2006.01) A01K 99/00 (2006.01) A47G 29/00 (2006.01) F16M 13/00 (2006.01) F25D 25/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COOLING BEVERAGES WHILE ICE FISHING**
[54] **APPAREILLAGE ET METHODE DE REFROIDISSEMENT DE BOISSONS PENDANT LA PECHE BLANCHE**
[72] HILDEBRAND, BENJAMIN J., CA
[71] HILDEBRAND, BENJAMIN J., CA
[22] 2017-08-18
[41] 2018-02-18
[30] US (62/376,549) 2016-08-18

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[21] **2,976,770**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **METHODS FOR VEHICLE VALUATION ULILIZING AUTOMATED INTEGRATION OF BUILD SHEET DATA AND DEVICES THEREOF**
[54] **METHODES D'EVALUATION DE VEHICULE EMPLOYANT L'INTEGRATION AUTOMATISEE DE DONNEES COMPILEES ET APPAREILS ASSOCIES**
[72] KROELL, PHIL, US
[72] MILLIKEN, MICHAEL, US
[72] REIDESEL, JOE, US
[71] MITCHELL INTERNATIONAL, INC., US
[22] 2017-08-18
[41] 2018-02-18
[30] US (62/376,696) 2016-08-18

[21] **2,976,797**
[13] A1
[51] **Int.Cl. B63H 11/107 (2006.01) B63H 5/16 (2006.01) B63H 11/11 (2006.01) B63H 20/00 (2006.01) B63H 25/46 (2006.01)**
[25] EN
[54] **CLOSED TUNNEL SYSTEM AND DIRECTIONAL DEVICE FOR OUTBOARD JET MOTORS**
[54] **SYSTEME DE TUNNEL FERME ET DISPOSITIF DIRECTIONNEL DESTINES A DES MOTEURS A REACTION HORS-BORD**
[72] BASTEN, MASON, US
[71] WAIMED ENTERPRISES, LLC, US
[22] 2017-08-18
[41] 2018-02-19
[30] US (62/376,962) 2016-08-19
[30] US (15/618,820) 2017-06-09

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[21] **2,976,838**
[13] A1
[51] **Int.Cl. H04N 19/40 (2014.01) H04N 21/226 (2011.01) H04N 21/2343 (2011.01) H05K 5/00 (2006.01)**
[25] EN
[54] **STANDARDIZED HOT-PLUGGABLE TRANSCEIVING UNIT WITH BANDWIDTH OPTIMIZATION FUNCTIONALITIES**
[54] **MODULE RECEPTEUR NORMALISE A BRANCHEMENT A CHAUD DOTE DE FONCTIONNALITES D'OPTIMISATION DE LARGEUR DE BANDE**
[72] LAVOIE, RENAUD, CA
[72] DUDEMAINE, ERIC, CA
[72] CARON, LOUIS, CA
[71] EMBRIONIX DESIGN INC, CA
[22] 2017-08-21
[41] 2018-02-22
[30] US (62/377,700) 2016-08-22
[30] US (15/279,467) 2016-09-29

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[21] **2,976,855**
[13] A1
[51] **Int.Cl. B26B 13/12 (2006.01) B26B 13/16 (2006.01) B26B 13/28 (2006.01)**
[25] EN
[54] **METAL SNIPS**
[54] **CISAILLES A TOLE METALLIQUE**
[72] CAGLAR, TOLGA, US
[72] PELLETIER, THOMAS A., US
[71] STANLEY BLACK & DECKER, INC., US
[22] 2017-08-18
[41] 2018-02-23
[30] US (15/245,003) 2016-08-23

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[21] **2,976,857**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 9/14 (2006.01) A61K 47/04 (2006.01)**
[25] EN
[54] **HOLLOW SILICA NANOPARTICLES WITH ENCAPSULATED BIOACTIVE INGREDIENTS, PREPARATION PROCESS AND APPLICATIONS THEREOF**
[54] **NANOPARTICULES DE SILICE CREUSES DOTEES D'INGREDIENTS BIOACTIFS ENCAPSULES, PROCEDES DE PREPARATION ET APPLICATIONS ASSOCIEES**
[72] MOU, CHUNG-YUAN, CN
[72] KOU, NAI-YUAN, CN
[72] WU, SI-HAN, CN
[72] CHEN, YI-PING, CN
[71] NATIONAL TAIWAN UNIVERSITY, CN
[22] 2017-08-18
[41] 2018-02-19
[30] US (62/376,920) 2016-08-19

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[21] **2,976,874**
[13] A1
[51] **Int.Cl. G01N 21/65 (2006.01) G01J 3/44 (2006.01) G01M 3/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING THE PRESENCE OF A SPILL OF A PETROLEUM PRODUCT BY THE DETECTION OF A PETROLEUM-DERIVED VOLATILE ORGANIC COMPOUND**
[54] **METHODE ET DISPOSITIF PERMETTANT DE DETERMINER LA PRESENCE D'UN DEVERSEMENT DE PRODUIT PETROLIER PAR LA DETECTION DE COMPOSE ORGANIQUE VOLATILE DERIVE DU PETROLE**
[72] BABIN, FRANCOIS, CA
[72] GRAVEL, JEAN-FRANCOIS, CA
[72] DUFOUR, PASCAL, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2017-08-17
[41] 2018-02-22
[30] US (62/377,961) 2016-08-22

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[21] **2,976,906**
[13] A1
[51] **Int.Cl. E04B 1/76 (2006.01) G06Q 10/04 (2012.01) G06Q 50/06 (2012.01) A01G 9/24 (2006.01) E04B 1/74 (2006.01) F24D 19/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHARACTERIZATION OF RETROFIT OPPORTUNITIES IN BUILDING**
[54] **SYSTEME ET METHODE DE CARACTERISATION DES POSSIBILITES DE RENOVATION DANS UN BATIMENT**
[72] ZEIFMAN, MICHAEL, US
[71] FRAUNHOFER USA, INC., US
[22] 2017-08-21
[41] 2018-02-19
[30] US (62/377,095) 2016-08-19
[30] US (62/377,110) 2016-08-19

[21] **2,976,940**
[13] A1
[51] **Int.Cl. G06F 8/65 (2018.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING AUTOMATIC FIRMWARE UPDATE MANAGEMENT**
[54] **SYSTEME ET METHODE DE FOURNITURE DE LA GESTION AUTOMATIQUE DE MISE A JOUR DE PROGICIEL**
[72] LODEIRO, LUCAS, AR
[72] TORCHINSKY, MATIAS, AR
[71] INTRAWAY R&D S.A., UY
[22] 2017-08-22
[41] 2018-02-22
[30] US (62/377,703) 2016-08-22

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[21] **2,976,942**
[13] A1
[51] **Int.Cl. H01Q 3/00 (2006.01) H04W 4/021 (2018.01) H01Q 21/00 (2006.01)**
[25] EN
[54] **GEOFENCING FOR WIRELESS COMMUNICATIONS**
[54] **GEOREPERAGE DE COMMUNICATIONS SANS FIL**
[72] HERSHEY, JOHN ERIK, US
[72] DELL'ANNO, MICHAEL JOSEPH, US
[72] HARTMAN, MICHAEL JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-08-22
[41] 2018-02-23
[30] US (15/245,014) 2016-08-23

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[21] **2,977,003**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY YW15D**
[54] **VARIETE DE BLE YW15D**
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (15/245,399) 2016-08-24

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[21] **2,977,005**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY W080329C1**
[54] **VARIETE DE BLE W080329C1**
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[72] UPHAUS, JAMES JOSEPH, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,776) 2016-08-24

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[21] **2,977,006**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY W080366A1**
[54] **VARIETE DE BLE W080366A1**
[72] CLARKSON, ROBERT LEWIS, US
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,819) 2016-08-24

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[21] **2,977,007**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY W080148I1**
[54] **VARIETE DE BLE W080148I1**
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,793) 2016-08-24

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[21] **2,977,027**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY W070474I1**
[54] **VARIETE DE BLE W070474I1**
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[72] TRAGESSER, SAMUEL ABRAHAM, US
[72] UPHAUS, JAMES JOSEPH, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,830) 2016-08-24

[21] **2,977,031**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY W070287J1**
[54] **VARIETE DE BLE W070287J1**
[72] CLARKSON, ROBERT LEWIS, US
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,838) 2016-08-24

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[21] **2,977,039**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY A060013G1**
[54] **VARIETE DE BLE A060013G1**
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,850) 2016-08-24

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[21] **2,977,065**
[13] A1
[51] **Int.Cl. E04D 1/28 (2006.01) E04D 1/14 (2006.01)**
[25] EN
[54] **ROOFING SHINGLES**
[54] **BARDEAUX DE TOITURE**
[72] GRUBKA, LAWRENCE J., US
[72] ASCHENBECK, DAVID P., US
[72] VERMILION, DONN R., US
[72] HARRINGTON, EDWARD R., US
[72] SMITH, WILLIAM E., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2017-08-22
[41] 2018-02-22
[30] US (62/377,929) 2016-08-22

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[21] **2,977,068**
[13] A1
[51] **Int.Cl. F24D 19/10 (2006.01) F24D 3/00 (2006.01) G05B 19/042 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **HYDRONIC BOILER CONTROL SYSTEM WITH WEATHER ANTICIPATION**
[54] **SYSTEME DE CONTROLE DE CHAUDIERE HYDRONIQUE A ANTICIPATION DES CONDITIONS METEOROLOGIQUES**
[72] LEWIS, MATTHEW J., CA
[71] IOT CLOUD TECHNOLOGIES INC., CA
[22] 2017-08-23
[41] 2018-02-24
[30] US (15/435,562) 2017-02-17
[30] US (62/378,804) 2016-08-24

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[21] **2,977,070**
[13] A1
[51] **Int.Cl. C02F 3/34 (2006.01) C02F 3/00 (2006.01) C02F 3/08 (2006.01) C02F 3/10 (2006.01)**
[25] EN
[54] **MULTIPLE ATTACHED GROWTH REACTOR SYSTEM**
[54] **SYSTEME DE REACTEUR DE CROISSANCE ATTACHE MULTIPLE**
[72] HILDEBRAND, MARTIN, CA
[72] KROEKER, MERLE, CA
[71] NEXOM, CA
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,897) 2016-08-24
[30] US (62/482,493) 2017-04-06
[30] US (62/535,523) 2017-07-21

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[21] **2,977,081**
[13] A1
[51] **Int.Cl. B07B 1/30 (2006.01) B07B 1/46 (2006.01)**
[25] EN
[54] **MATERIAL PROCESSING SCREEN PLANT DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT D'INSTALLATION DE FILTRE TRAITANT DES MATERIAUX**
[72] CARTER, REX MIKLE, US
[72] STEMPER, MICHAEL PETER, US
[72] ROSS, ALEXANDER EVAN, US
[72] MUMM, RYAN ANTHONY, US
[71] TEREX USA, LLC, US
[22] 2017-08-22
[41] 2018-02-22
[30] US (62/378,066) 2016-08-22
[30] US (15/682,784) 2017-08-22

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[21] **2,977,088**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A21D 2/00 (2006.01) A23J 1/12 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **WHEAT VARIETY W070540B1**
[54] **VARIETE DE BLE W070540B1**
[72] CLARKSON, ROBERT LEWIS, US
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/378,823) 2016-08-24

[21] **2,977,091**
[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01) E04D 1/30 (2006.01) E04D 3/40 (2006.01) F24F 13/26 (2006.01)**
[25] EN
[54] **VENTURI RIDGE VENT**
[54] **OUVRANT DE FAITAGE A VENTURI**
[72] HENDERSON, JOHN C., US
[72] HENDERSON, STEPHEN C., US
[71] HENDERSON, JOHN C., US
[71] HENDERSON, STEPHEN C., US
[22] 2017-08-22
[41] 2018-02-24
[30] US (62/378,985) 2016-08-24
[30] US (15/677,280) 2017-08-15

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[21] **2,977,094**
[13] A1
[51] **Int.Cl. H04W 4/024 (2018.01) H04W 4/33 (2018.01)**
[25] EN
[54] **MAP GENERATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE PRODUCTION DE CARTE**
[72] PAN, ZHONGGUANG, CN
[72] TENG, YANMEI, CN
[71] SHANG HAI PAN SHI TOU ZI GUAN LI YOU XIAN GONG SI, CN
[22] 2017-08-22
[41] 2018-02-24
[30] CN (201610718747X) 2016-08-24
[30] CN (2016107187770) 2016-08-24
[30] CN (2017100903967) 2017-02-20
[30] CN (2017104293202) 2017-06-08

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[21] **2,977,111**
[13] A1
[51] **Int.Cl. G11B 27/031 (2006.01) G11B 27/10 (2006.01)**
[25] EN
[54] **TOOLBOXES, SYSTEMS, KITS AND METHODS RELATING TO SUPPLYING PRECISELY TIMED, SYNCHRONIZED MUSIC**
[54] **COFFRES A OUTILS, SYSTEMES, TROUSSES ET METHODES VISANT LA PRODUCTION DE MUSIQUE SYNCHRONISEE A UN MOMENT PRECIS**
[72] ZONNEFELD, WENDA B., US
[71] ZONNEFELD, WENDA B., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/379,154) 2016-08-24

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[21] **2,977,126**
[13] A1
[51] **Int.Cl. G16H 20/90 (2018.01) G06N 3/02 (2006.01)**
[25] EN
[54] **DISTRIBUTED DATA GATHERING AND RECOMMENDATION IN PHYTOTHERAPY**
[54] **COLLECTE DE DONNEES DISTRIBUEES ET RECOMMANDATION EN PHYTOTHERAPIE**
[72] CLEMMONS, MICHAEL S., US
[72] SWEENEY, MATT, US
[71] CLEMMONS, MICHAEL S., US
[22] 2017-08-23
[41] 2018-02-23
[30] US (62/378,470) 2016-08-23

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[21] **2,977,134**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE ACTUATION SYSTEM**
[54] **SYSTEME D'ACTIONNEMENT EN FOND DE TROU**
[72] BRANDSDAL, VIGGO, NO
[71] FRAC TECHNOLOGY AS, NO
[22] 2017-08-23
[41] 2018-02-24
[30] NO (20161353) 2016-08-24

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[21] **2,977,136**
[13] A1
[51] **Int.Cl. A47B 61/00 (2006.01) A47B 96/06 (2006.01) A47G 25/00 (2006.01)**
[25] EN
[54] **STORAGE SYSTEMS INCLUDING SHELVES AND HANG RODS SUPPORTED BENEATH THE SHELVES**
[54] **SYSTEMES DE RANGEMENT COMPRENANT DES TABLETTES ET DES BARRES A VETEMENT SOUTENUES SOUS LES TABLETTES**
[72] BEUSES, ENRIQUE, US
[72] JONES, THOMAS, US
[72] BISHOP, RYAN, US
[71] CLAIRSON, INC., US
[22] 2017-08-23
[41] 2018-02-24
[30] US (62/379,046) 2016-08-24
[30] US (62/451,168) 2017-01-27
[30] US (15/434,877) 2017-02-16

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[21] **2,977,138**
[13] A1
[51] **Int.Cl. H04R 1/02 (2006.01)**
[25] EN
[54] **SPEAKER MOUNT AND ASSEMBLY AND METHOD OF DISENGAGEMENT THEREOF**
[54] **DISPOSITIF D'INSTALLATION DE HAUT-PARLEUR ET METHODE DE DEGAGEMENT DUDIT DISPOSITIF**
[72] HART, JONATHAN NEIL, US
[71] SWARM HOLDINGS LLC, US
[22] 2017-08-23
[41] 2018-02-24
[30] US (15/245,429) 2016-08-24

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[21] **2,977,156**
[13] A1
[51] **Int.Cl. F16J 15/32 (2016.01) F16J 15/06 (2006.01) F16J 15/46 (2006.01)**
[25] EN
[54] **SEAL**
[54] **JOINT D'ETANCHEITE**
[72] ATKINS, NICHOLAS, GB
[72] AVANASHIAPPAN, VIJAY, GB
[72] SPALDING, CRAIG, GB
[72] KANKANALAPALLI, KRISHNA, GB
[71] RUBBERATKINS LTD, GB
[22] 2017-08-23
[41] 2018-02-23
[30] GB (1614388.5) 2016-08-23
[30] GB (1710352.4) 2017-06-28

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[21] **2,977,231**
[13] A1
[51] **Int.Cl. E21B 33/14 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **METHODS FOR CEMENTING A SUBTERRANEAN WELLBORE**
[54] **METHODES DE CIMENTATION DE TROU DE FORAGE SOUTERRAIN**
[72] MULLEN, JAMES C., II, US
[71] EOG RESOURCES, INC., US
[22] 2017-08-24
[41] 2018-02-24
[30] US (62/378,781) 2016-08-24

[21] **2,977,368**
[13] A1
[51] **Int.Cl. H02J 15/00 (2006.01) H02J 7/34 (2006.01)**
[25] EN
[54] **RECHARGEABLE POWER CELLS**
[54] **PILES D'ALIMENTATION RECHARGEABLES**
[72] MILES, ANTHONY, GB
[72] VYAS, NILADRI, GB
[71] DST INNOVATIONS LIMITED, GB
[22] 2017-08-24
[41] 2018-02-24
[30] GB (1614447.9) 2016-08-24

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[21] **2,977,485**
[13] A1
[51] **Int.Cl. B67D 7/46 (2010.01) B67D 7/04 (2010.01)**
[25] EN
[54] **REFUELING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE RAVITAILLEMENT DE CARBURANT**
[72] LOWRIE, SHAYNE, CA
[71] AFD PETROLEUM LTD., CA
[22] 2017-08-23
[41] 2018-02-23
[30] US (62/378,394) 2016-08-23

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[21] **2,989,025**
[13] A1
[51] **Int.Cl. E04C 3/30 (2006.01) E04B 1/18 (2006.01) E04H 9/02 (2006.01)**
[25] EN
[54] **FRICTION DAMPER FOR A BUILDING STRUCTURE**
[54] **ATTENUATEUR DE FRICTION DESTINE A UNE STRUCTURE DE BATIMENT**
[72] PALL, AVTAR, CA
[71] PALL, AVTAR, CA
[22] 2017-12-15
[41] 2018-02-21

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[21] **2,989,736**
[13] A1
[51] **Int.Cl. E05D 15/06 (2006.01) E05D 13/00 (2006.01)**
[25] EN
[54] **A SUPPORT SYSTEM FOR A WHEEL ASSEMBLY TO BE USED WITH A CLOSURE MEMBER**
[54] **UN SYSTEME DE SUPPORT DESTINE A UN ASSEMBLAGE DE ROUE A UTILISER AVEC UN ELEMENT DE FERMETURE**
[72] WANG, KUEI-YUNG, TW
[71] NAN YA PLASTICS CORPORATION, TW
[22] 2017-12-20
[41] 2018-02-22
[30] US (15/846,590) 2017-12-19

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,869,855**
[13] A1
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHODS OF REMOVING A WELLBORE ISOLATION DEVICE USING A EUTECTIC COMPOSITION**
[54] **PROCEDES PERMETTANT DE RETIRER UN DISPOSITIF D'ISOLATION DE PUITS DE FORAGE AU MOYEN D'UNE COMPOSITION EUTECTIQUE**
[72] DAGENAIS, PETE, US
[72] FRIPP, MICHAEL L., US
[72] HAMID, SYED, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-07
[86] 2013-02-24 (PCT/US2013/027539)
[87] (WO2013/187943)
[30] US (13/523,095) 2012-06-14

---

[21] **2,982,516**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **SITE-SPECIFIC ANTIBODY-DRUG CONJUGATES**
[54] **CONJUGUES ANTICORPS-MEDICAMENT SPECIFIQUES A UN SITE**
[72] VAN BERKEL, PATRICIUS HENDRIKUS CORNELIS, CH
[72] HOWARD, PHILIP WILSON, GB
[71] MEDIMMUNE LIMITED, GB
[71] ADC THERAPEUTICS S.A., CH
[85] 2017-10-12
[86] 2016-04-15 (PCT/EP2016/058372)
[87] (WO2016/166300)
[30] GB (1506394.4) 2015-04-15

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[21] **2,982,522**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61P 35/02 (2006.01) C07K 16/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **SITE-SPECIFIC ANTIBODY-DRUG CONJUGATES**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS SPECIFIQUES DE SITES**
[72] VAN BERKEL, PATRICIUS HENDRIKUS CORNELIS, CH
[72] HOWARD, PHILIP WILSON, GB
[71] ADC THERAPEUTICS S.A., CH
[71] MEDIMMUNE LIMITED, GB
[85] 2017-10-12
[86] 2016-04-15 (PCT/EP2016/058379)
[87] (WO2016/166307)
[30] GB (1506402.5) 2015-04-15

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[21] **2,982,532**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **T CELL WHICH EXPRESSES A GAMMA-DELTA T CELL RECEPTOR (TCR) AND A CHIMERIC ANTIGEN RECEPTOR (CAR)**
[54] **CELLULES T EXPRIMANT UN RECEPTEUR DES CELLULES T (TCR) GAMMA-DELTA ET UN RECEPTEUR ANTIGENIQUE CHIMERIQUE (CAR)**
[72] ANDERSON, JOHN, GB
[72] FISHER, JONATHAN, GB
[72] PULE, MARTIN, GB
[72] GUSTAFSSON, KENTH, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-10-12
[86] 2016-04-29 (PCT/GB2016/051235)
[87] (WO2016/174461)
[30] GB (1507368.7) 2015-04-30

---

[21] **2,983,030**
[13] A1
[51] **Int.Cl. C12Q 1/00 (2006.01) A61K 39/395 (2006.01) A61P 25/00 (2006.01) C07K 16/26 (2006.01) C07K 16/28 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **USE OF ANTI-PACAP ANTIBODIES AND ANTIGEN BINDING FRAGMENTS THEREOF FOR TREATMENT, PREVENTION, OR INHIBITION OF PHOTOPHOBIA**
[54] **UTILISATION D'ANTICORPS ANTI-PACAP ET DE LEURS FRAGMENTS DE LIAISON A L'ANTIGENE POUR LE TRAITEMENT, LA PREVENTION OU L'INHIBITION DE LA PHOTOPHOBIE**
[72] ALLISON, DANIEL S., US
[72] HENDRIX, KATHERINE LEE, US
[72] OJALA, ETHAN WAYNE, US
[72] FAN, PEI, US
[72] SMITH, JEFFREY T.L., US
[72] LATHAM, JOHN, US
[72] KARASEK, CHARLIE, US
[72] MULLIGAN, JENNY, US
[72] SCALLEY-KIM, MICHELLE, US
[72] STEWART, ERICA, US
[72] RUBIN, VANESSA LISBETH, US
[72] BILLGREN, JENS J., US
[72] KUBURAS, ADISA, US
[72] MASON, BIANCA, US
[72] SOWERS, LEVI P., US
[72] RUSSO, ANDREW F., US
[72] LOOMIS, MARIA-CRISTINA, US
[72] DUTZAR, BENJAMIN H., US
[72] GARCIA-MARTINEZ, LEON, US
[71] ALDER BIOPHARMACEUTICALS, INC., US
[71] THE UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2017-10-16
[86] 2016-04-15 (PCT/US2016/027977)
[87] (WO2016/168757)
[30] US (62/148,550) 2015-04-16
[30] US (62/148,557) 2015-04-16
[30] US (62/148,562) 2015-04-16
[30] US (62/148,583) 2015-04-16
[30] US (62/148,596) 2015-04-16
[30] US (62/148,640) 2015-04-16
[30] US (62/148,643) 2015-04-16

[21] **2,983,687**
[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/705 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/867 (2006.01)**
[25] EN
[54] **NUCLEIC ACID CONSTRUCT**
[54] **PRODUIT DE SYNTHESE D'ACIDE NUCLEIQUE**
[72] PULE, MARTIN, GB
[72] CORDOBA, SHAUN, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-10-23
[86] 2016-04-26 (PCT/GB2016/051165)
[87] (WO2016/174409)
[30] GB (1507108.7) 2015-04-27

---

[21] **2,984,193**
[13] A1
[51] **Int.Cl. C03C 13/00 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREFROM**
[54] **COMPOSITION DE FIBRE DE VERRE HAUT RENDEMENT, FIBRE DE VERRE ET MATERIAU COMPOSITE ASSOCIE**
[72] ZHANG, LIN, CN
[72] CAO, GUORONG, CN
[72] XING, WENZHONG, CN
[72] GU, GUIJIANG, CN
[71] JUSHI GROUP CO., LTD., CN
[85] 2017-10-30
[86] 2017-02-14 (PCT/CN2017/073447)
[87] (2984193)
[30] CN (201710057315.3) 2017-01-26

---

[21] **2,985,311**
[13] A1
[51] **Int.Cl. C07K 5/078 (2006.01) A61K 47/54 (2017.01) A61K 38/05 (2006.01) A61K 49/00 (2006.01) C07K 5/06 (2006.01)**
[25] EN
[54] **BORTEZOMIB-BASED DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION A BASE DE BORTEZOMIB**
[72] PASQUA, LUIGI, IT
[72] LEGGIO, ANTONELLA, IT
[72] LIGUORI, ANGELO, IT
[72] MORELLI, CATIA, IT
[72] ANDO, SEBASTINO, IT
[71] NANOSILICAL DEVICES S.R.L., IT
[85] 2017-11-07
[86] 2016-04-29 (PCT/IT2016/000111)
[87] (WO2016/174693)
[30] IT (RM2015A000184) 2015-04-29

---

[21] **2,985,848**
[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/02 (2006.01) G01N 33/483 (2006.01) G01N 35/00 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **COLONY CONTRAST GATHERING**
[54] **COLLECTE DE COLONIES PAR CONTRASTE**
[72] WILES, TIMOTHY M., US
[72] MARCELPOIL, RAPHAEL RODOLPHE, FR
[71] BD KIESTRA B.V., NL
[85] 2017-10-17
[86] 2016-04-22 (PCT/US2016/028913)
[87] (WO2016/172527)
[30] US (62/151,681) 2015-04-23
[30] US (62/318,483) 2016-04-05

---

[21] **2,985,935**
[13] A1
[51] **Int.Cl. C12N 15/56 (2006.01) A01K 67/027 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) C12N 5/10 (2006.01) C12N 9/40 (2006.01) C12N 15/67 (2006.01) C12N 15/85 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **FABRY DISEASE GENE THERAPY**
[54] **THERAPIE GENIQUE DE LA MALADIE DE FABRY**
[72] NATHWANI, AMIT, GB
[72] RAJ, DEEPAK, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-11-14
[86] 2016-05-10 (PCT/GB2016/051328)
[87] (WO2016/181122)
[30] GB (1508025.2) 2015-05-11

---

[21] **2,985,945**
[13] A1
[51] **Int.Cl. C07K 14/015 (2006.01) A01K 67/027 (2006.01) A61K 47/42 (2017.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 15/35 (2006.01) C12N 15/864 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **CAPSID**
[54] **CAPSIDE**
[72] NATHWANI, AMIT, GB
[72] DANE, ALLISON, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-11-14
[86] 2016-05-10 (PCT/GB2016/051329)
[87] (WO2016/181123)
[30] GB (1508026.0) 2015-05-11

[21] **2,986,237**
[13] A1
[51] **Int.Cl. C12Q 1/6869 (2018.01) G01N 21/62 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING THE SEQUENCE OF A NUCLEAR ACID USING TIME RESOLVED LUMINESCENCE**
[54] **PROCEDE DE DETERMINATION DE LA SEQUENCE D'UN ACIDE NUCLEIQUE AU MOYEN DE LA LUMINESCENCE A RESOLUTION TEMPORELLE**
[72] ROTHBERG, JONATHAN M., US
[72] LACKEY, JEREMY, US
[72] REED, BRIAN, US
[72] SHI, XINGHUA, US
[72] HUANG, HAIDONG, US
[71] QUANTUM-SI INCORPORATED, US
[85] 2017-11-16
[86] 2016-05-20 (PCT/US2016/033616)
[87] (WO2016/187580)
[30] US (62/164,506) 2015-05-20
[30] US (62/164,485) 2015-05-20
[30] US (62/164,482) 2015-05-20
[30] US (62/164,464) 2015-05-20
[30] US (14/821,688) 2015-08-07

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[21] **2,986,660**
[13] A1
[51] **Int.Cl. A41F 9/00 (2006.01) A41D 1/06 (2006.01) A41D 27/00 (2006.01)**
[25] EN
[54] **VERTICAL WAIST BELT**
[54] **CEINTURON VERTICAL**
[72] LI, AQIANG, CN
[71] LI, AQIANG, CN
[85] 2017-11-24
[86] 2016-11-28 (PCT/CN2016/107490)
[87] (2986660)
[30] CN (201610984192.3) 2016-11-09

---

[21] **2,986,902**
[13] A1
[51] **Int.Cl. C08L 5/00 (2006.01) A61K 31/737 (2006.01) A61P 7/00 (2006.01)**
[25] EN
[54] **PENTOSAN POLYSULFATE SODIUM FOR THE TREATMENT OF SICKLE CELL DISEASE**
[54] **PENTOSANE POLYSULFATE DE SODIUM POUR LE TRAITEMENT DE LA DREPANOCYTOSE**
[72] EMBURY, STEPHEN H., US
[71] VANGUARD THERAPEUTICS, INC., US
[85] 2017-11-22
[86] 2016-05-27 (PCT/US2016/034691)
[87] (WO2016/191698)
[30] US (62/166,863) 2015-05-27
[30] US (62/245,766) 2015-10-23

---

[21] **2,987,168**
[13] A1
[51] **Int.Cl. G01N 21/55 (2014.01) G01F 1/704 (2006.01) G01F 1/74 (2006.01) G01N 21/85 (2006.01) G01S 17/02 (2006.01)**
[25] EN
[54] **DETECTING THE PRESENCE OF LIQUID IN A HIGH PRESSURE GAS PIPELINE**
[54] **DETECTION DE LA PRESENCE D'UN LIQUIDE DANS UN GAZODUC A HAUTE PRESSION**
[72] STOCKWELL, PAUL, GB
[72] WIDDUP, DAVID, GB
[72] RAYNES, JON, GB
[71] INTERNATIONAL MOISTURE ANALYSERS LIMITED, GB
[85] 2017-11-24
[86] 2016-05-25 (PCT/GB2016/051507)
[87] (WO2016/189300)
[30] GB (1508948.5) 2015-05-26

---

[21] **2,987,513**
[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01) G01N 1/00 (2006.01) G01N 1/28 (2006.01) G01N 15/14 (2006.01) G01N 35/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES**
[72] CRAIG, FRANK F, GB
[72] REHAK, MARIAN, GB
[72] HOLMES, DAVID, GB
[72] SMITH, CLIVE A., GB
[72] LIU, XIN, GB
[72] BENAZZI, GIUSEPPE, GB
[72] LI, XIN, GB
[72] PAWATE, VINAYAKA C, GB
[71] SPHERE FLUIDICS LIMITED, GB
[85] 2017-11-28
[86] 2016-06-03 (PCT/GB2016/051654)
[87] (WO2016/193758)
[30] GB (1509640.7) 2015-06-03

---

[21] **2,987,829**
[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) A61K 45/00 (2006.01) A61P 3/10 (2006.01) C07K 14/47 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **DIAGNOSTIC TARGET**
[54] **CIBLE DIAGNOSTIQUE**
[72] CHRISTIE, MICHAEL, GB
[72] MCLAUGHLIN, KERRY, GB
[72] JOHNSON, CAROLYN, GB
[72] RAVISHANKAR, AARTHI, GB
[71] THE UNIVERSITY OF LINCOLN, GB
[85] 2017-11-30
[86] 2016-06-01 (PCT/GB2016/051597)
[87] (WO2016/193714)
[30] GB (1509575.5) 2015-06-03

[21] **2,987,872**
[13] A1
[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12N 5/077 (2010.01) C12N 5/0775 (2010.01) C12N 5/078 (2010.01)**
[25] EN
[54] **PARTICULATE LYOPHILIZED PLATELET LYSATE COMPOSITIONS**
[54] **COMPOSITIONS DE LYSAT DE PLAQUETTES LYOPHILISEES PARTICULAIRES**
[72] PATEL, AMIT, US
[71] PATEL, AMIT, US
[85] 2017-11-29
[86] 2016-05-31 (PCT/US2016/035100)
[87] (WO2016/196515)
[30] US (62/168,516) 2015-05-29

---

[21] **2,987,889**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **T CELL RECEPTOR LIKE ANTIBODIES HAVING FINE SPECIFICITY**
[54] **ANTICORPS DE TYPE RECEPTEUR DE CELLULES T AYANT UNE SPECIFICITE FINE**
[72] PELED KAMAR, MIRA, IL
[72] DENKBERG, GALIT, IL
[72] REITER, YORAM, IL
[72] BEER, ILAN, IL
[72] SINIK, KEREN, IL
[72] TEBOUL (ELBAZ), YAEL, IL
[72] SHPERBER (SERY), YAEL, IL
[72] EREL SEGAL, REUT, IL
[72] OREN, RAVIT, IL
[72] ALISHEKEVITZ, DROR SHMUEL, IL
[71] ADICET BIO INC., US
[85] 2017-11-30
[86] 2016-06-08 (PCT/IL2016/050599)
[87] (WO2016/199140)
[30] US (62/172,264) 2015-06-08
[30] NL (N2014935) 2015-06-08

---

[21] **2,988,363**
[13] A1
[51] **Int.Cl. C09J 123/14 (2006.01) C09J 123/16 (2006.01) C09J 201/00 (2006.01)**
[25] EN
[54] **POLYPROPYLENE BASED HOT-MELT ADHESIVE COMPOSITION**
[54] **COMPOSITION ADHESIVE THERMOFUSIBLE A BASE DE POLYPROPYLENE**
[72] WANG, JINGBO, AT
[72] EK, CARL-GUSTAF, SE
[72] SONMEZ, ANIL, AT
[72] BERNREITNER, KLAUS, AT
[72] REICHELT, NORBERT, AT
[71] BOREALIS AG, AT
[85] 2017-12-05
[86] 2016-07-27 (PCT/EP2016/067897)
[87] (WO2017/017136)
[30] EP (15179158.9) 2015-07-30

---

[21] **2,988,446**
[13] A1
[51] **Int.Cl. C12N 7/02 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR LARGE SCALE PRODUCTION AND PURIFICATION OF PARVOVIRUS**
[54] **PROCEDE POUR LA PRODUCTION ET LA PURIFICATION A GRANDE ECHELLE DU PARVOVIRUS**
[72] LEUCHS, BARBARA, DE
[72] ROSCHER, MANDY, DE
[72] MULLER, MARCUS, DE
[72] ROMMELAERE, JEAN, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2017-12-06
[86] 2016-06-22 (PCT/EP2016/001066)
[87] (WO2016/206807)
[30] EP (15173385.4) 2015-06-23

---

[21] **2,988,481**
[13] A1
[51] **Int.Cl. C12N 15/34 (2006.01) A61K 39/235 (2006.01) A61P 37/00 (2006.01) C07K 14/075 (2006.01) C12N 7/01 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **ADENOVIRUS POLYNUCLEOTIDES AND POLYPEPTIDES**
[54] **POLYPEPTIDES ET POLYNUCLEOTIDES D'ADENOVIRUS**
[72] AMMENDOLA, VIRGINIA, IT
[72] COLLOCA, STEFANO, IT
[72] CORTESE, RICCARDO, CH
[72] GRAZIOLI, FABIANA, IT
[72] NICOSIA, ALFREDO, IT
[72] VITELLI, ALESSANDRA, IT
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2017-12-06
[86] 2016-06-10 (PCT/EP2016/063329)
[87] (WO2016/198621)
[30] EP (PCT/EP2015/063248) 2015-06-12
[30] GB (1510357.5) 2015-06-12
[30] GB (1514772.1) 2015-08-19

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[21] **2,989,983**
[13] A1
[51] **Int.Cl. C08J 7/04 (2006.01) C09K 5/14 (2006.01) H01B 1/20 (2006.01) H01B 1/22 (2006.01)**
[25] FR
[54] **CONDUCTIVE COMPOSITE PRODUCED FROM COATED POWDERS**
[54] **MATERIAU COMPOSITE CONDUCTEUR ELABORE A PARTIR DE POUDRES REVETUES**
[72] IACOB, CONSTANTIN, FR
[72] BUCHER, SEBASTIEN, FR
[72] PROST, FABRICE, FR
[71] I.L.E.F, FR
[85] 2017-12-18
[86] 2016-07-01 (PCT/FR2016/051671)
[87] (WO2017/001805)
[30] FR (1556210) 2015-07-01

[21] **2,991,178**
[13] A1
[51] **Int.Cl. C10G 33/04 (2006.01) B01D 17/04 (2006.01) C07C 47/127 (2006.01) C10G 31/08 (2006.01)**
[25] EN
[54] **ADDITIVE COMPOSITION FOR DEMULSIFICATION OF WATER-IN-OIL EMULSION, AND METHOD OF USE THEREOF, AND METHOD OF DEMULSIFICATION**
[54] **COMPOSITION D'ADDITIF POUR LA DESEMULSIFICATION D'UNE EMULSION D'EAU DANS L'HUILE, PROCEDE D'UTILISATION DE CETTE COMPOSITION, ET PROCEDE DE DESEMULSIFICATION**
[72] SUBRAMANIYAM, MAHESH, IN
[71] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
[85] 2017-12-29
[86] 2016-06-13 (PCT/IB2016/053481)
[87] (WO2017/001957)
[30] IN (2515/MUM/2015) 2015-07-01

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[21] **2,991,572**
[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4709 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **6-AMINO-QUINOLINE-3-CARBONITRILS AS COT MODULATORS**
[54] **6-AMINO-QUINOLINE-3-CARBONITRILES UTILISES COMME MODULATEURS DE LA KINASE COT**
[72] BACON, ELIZABETH M., US
[72] BALAN, GAYATRI, US
[72] CHOU, CHIEN-HUNG, US
[72] CLARK, CHRISTOPHER T., US
[72] COTTELL, JEROMY J., US
[72] KIM, MUSONG, US
[72] KIRSCHBERG, THORSTEN A., US
[72] LINK, JOHN O., US
[72] PHILLIPS, GARY, US
[72] SCHROEDER, SCOTT D., US
[72] SQUIRES, NEIL H., US
[72] STEVENS, KIRK L., US
[72] TAYLOR, JAMES G., US
[72] WATKINS, WILLIAM J., US
[72] WRIGHT, NATHAN E., US
[72] ZIPFEL, SHEILA M., US
[71] GILEAD SCIENCES, INC., US
[85] 2018-01-05
[86] 2016-06-30 (PCT/US2016/040552)
[87] (WO2017/007694)
[30] US (62/189,155) 2015-07-06
[30] US (62/269,061) 2015-12-17

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[21] **2,991,578**
[13] A1
[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/891 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **SOLID STICK ANTIPERSPIRANT COMPOSITIONS HAVING NON-VOLATILE SILICONES**
[54] **COMPOSITIONS ANTITRANSPIRANTES SOLIDES EN BATON AYANT DES SILICONES NON VOLATILES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-01-05
[86] 2016-07-01 (PCT/US2016/040628)
[87] (WO2017/007704)
[30] US (14/793,121) 2015-07-07

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[21] **2,991,772**
[13] A1
[51] **Int.Cl. A61K 8/9783 (2017.01) A61K 8/31 (2006.01) A61K 36/575 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **MAGNOLIA BARK EXTRACT AS A HYDROPHOBIC LIGAND FOR PREFERENTIAL REMOVAL OF GRAM NEGATIVE BACTERIA FROM THE ORAL CAVITY**
[54] **EXTRAIT D'ECORCE DE MAGNOLIA UTILISE COMME LIGAND HYDROPHOBE POUR UNE ELIMINATION SELECTIVE DE BACTERIES A GRAM NEGATIF DE LA CAVITE BUCCALE**
[72] BUSSCHER, HENK J., US
[72] DODDS, MICHAEL W., US
[72] MAITRA, AMARNATH, US
[72] WESSEL, STEFAN, US
[72] VAN DER MEI, HENNY C., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-01-08
[86] 2016-07-14 (PCT/US2016/042296)
[87] (WO2017/011665)
[30] US (62/192,282) 2015-07-14

[21] **2,991,803**
[13] A1
[51] **Int.Cl. A61K 47/69 (2017.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOASSEMBLED COMPLEXES OF NUCLEIC ACIDS, AVIDIN AND BIOTINYLATED COMPOUNDS FOR USE AS DRUG CARRIERS**
[54] **COMPLEXES NANO-ASSEMBLES D'ACIDES NUCLEIQUES, D'AVIDINE ET DE COMPOSES BIOTINYLES UTILISABLES EN TANT QUE SUPPORTS DE MEDICAMENTS**
[72] MORPURGO, MARGHERITA, IT
[71] JOINTHERAPEUTICS S.R.L., IT
[85] 2018-01-09
[86] 2016-07-08 (PCT/EP2016/066240)
[87] (WO2017/009215)
[30] IT (102015000032694) 2015-07-10

---

[21] **2,991,811**
[13] A1
[51] **Int.Cl. H04N 13/271 (2018.01) G06T 7/50 (2017.01) G03B 35/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING A DEPTH MAP FOR AN IMAGE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER UNE CARTE DE PROFONDEUR POUR UNE IMAGE**
[72] VAREKAMP, CHRISTIAAN, NL
[72] VANDEWALLE, PATRICK LUC ELS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-01-09
[86] 2016-07-12 (PCT/EP2016/066513)
[87] (WO2017/009324)
[30] EP (15176418.0) 2015-07-13

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[21] **2,992,307**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) H04N 13/351 (2018.01) H04N 13/366 (2018.01) H04N 13/376 (2018.01)**
[25] EN
[54] **MULTIVIEW DISPLAY WITH HEAD TRACKING**
[54] **AFFICHAGE A VUES MULTIPLES AVEC SUIVI DE TETE**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-01-11
[86] 2016-09-04 (PCT/US2016/050321)
[87] (WO2017/041073)
[30] US (62/214,979) 2015-09-05

---

[21] **2,992,370**
[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01) A61B 10/00 (2006.01)**
[25] EN
[54] **IMAGING DEVICE AND METHOD FOR DETECTION OF DISEASE**
[54] **DISPOSITIF ET PROCEDE D'IMAGERIE POUR LA DETECTION D'UNE MALADIE**
[72] BOHANNON, ROBERT C., US
[72] FRANZMANN, ELIZABETH, US
[72] KIM, MATTHEW H. J., US
[71] UNIVERSITY OF MIAMI, US
[71] VIGILANT BIOSCIENCES, INC., US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026223)
[87] (WO2016/164467)
[30] US (62/143,632) 2015-04-06

---

[21] **2,992,706**
[13] A1
[51] **Int.Cl. G01N 1/42 (2006.01) B01L 3/00 (2006.01) F26B 5/06 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **DRY CHEMISTRY CONTAINER**
[54] **RECIPIENT POUR PRODUIT CHIMIQUE SEC**
[72] ENGEL, HOLGER, ES
[72] CARRERA FABRA, JORDI, ES
[71] ENGEL, HOLGER, ES
[71] CARRERA FABRA, JORDI, ES
[85] 2018-01-16
[86] 2016-07-15 (PCT/IB2016/054246)
[87] (WO2017/013562)
[30] US (62/193,956) 2015-07-17
[30] US (15/210,744) 2016-07-14

---

[21] **2,992,945**
[13] A1
[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY USING PDK1 AND PI3K INHIBITORS**
[54] **THERAPIE COMBINEE UTILISANT DES INHIBITEURS DE PDK1 ET DE PI3K**
[72] CASTEL, PAU, US
[72] BASELGA, JOSE T., US
[72] SCALTRITI, MAURIZIO, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-01-17
[86] 2016-07-15 (PCT/US2016/042616)
[87] (WO2017/015152)
[30] US (62/194,106) 2015-07-17

---

[21] **2,993,278**
[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01) A61K 47/54 (2017.01) A61K 47/64 (2017.01) A61K 47/68 (2017.01) A61K 47/69 (2017.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 47/02 (2006.01) A61P 1/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOPARTICLE-BASED LIVER-TARGETING THERAPY AND IMAGING**
[54] **THERAPIES ET IMAGERIE CIBLANT LE FOIE A BASE DE NANOPARTICULES**
[72] BARRIENTOS, AFRICA GARCIA, ES
[72] DOMINGUEZ, ESTHER DE TORRES, ES
[71] MIDATECH LIMITED, GB
[85] 2018-01-22
[86] 2016-07-25 (PCT/EP2016/067682)
[87] (WO2017/017063)
[30] GB (1513103.0) 2015-07-24

[21] **2,993,479**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) H05B 3/86 (2006.01)**
[25] EN
[54] **HEATABLE LAMINATED VEHICLE WINDOW WITH IMPROVED HEAT DISTRIBUTION**
[54] **VITRE DE VEHICULE STRATIFIEE POUVANT ETRE CHAUFFEE PRESENTANT UNE DISTRIBUTION AMELIOREE DE LA CHALEUR**
[72] KLEIN, MARCEL, DE
[72] SCHULZ, VALENTIN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-01-24
[86] 2016-09-29 (PCT/EP2016/073359)
[87] (WO2017/063895)
[30] EP (15189476.3) 2015-10-13

---

[21] **2,993,598**
[13] A1
[51] **Int.Cl. A61K 8/9789 (2017.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61Q 17/04 (2006.01) A61Q 19/08 (2006.01)**
[25] FR
[54] **PROCESS FOR PONGAMOL ENRICHMENT OF KARANJA OIL**
[54] **PROCEDE D'ENRICHISSEMENT EN PONGAMOL D'HUILE DE KARANJA**
[72] BERNOUD, THIERRY, FR
[72] PICCIRILLI, ANTOINE, FR
[72] MAGNE, JULIEN, FR
[71] BIOSYNTHIS, FR
[85] 2018-01-22
[86] 2016-07-22 (PCT/EP2016/067600)
[87] (WO2017/013264)
[30] FR (1556973) 2015-07-22

---

[21] **2,993,798**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01N 25/04 (2006.01) A01N 25/10 (2006.01) A01N 25/26 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **COMPOSITE PARTICLES FOR CONTROLLING ARTHROPOD INFESTATION**
[54] **PARTICULES COMPOSITES POUR LUTTER CONTRE UNE INFESTATION D'ARTHROPODES**
[72] CURCIC, IGOR, GB
[72] BROWN, MARTIN, GB
[72] GRZYWACZ, DAVID, GB
[72] WILSON, KENNETH, GB
[71] EXOSECT LIMITED, GB
[85] 2018-01-25
[86] 2016-07-28 (PCT/EP2016/068097)
[87] (WO2017/017234)
[30] GB (1513398.6) 2015-07-29

---

[21] **2,993,800**
[13] A1
[51] **Int.Cl. C13K 1/02 (2006.01) C12P 19/02 (2006.01)**
[25] EN
[54] **METHODS OF REDUCING THE SIZE OF LIGNOCELLULOSIC MATERIAL, AND RELATED SYSTEMS**
[54] **PROCEDES PERMETTANT DE REDUIRE LA TAILLE DES MATIERES LIGNOCELLULOSIQUES, ET SYSTEMES ASSOCIES**
[72] RADIGAN, DANIEL SCOTT, II, US
[72] GERAETS, JAMES M., US
[72] HEIKES, JEFFREY R., US
[72] PIERSON, RODNEY DUANE, US
[71] POET RESEARCH, INC., US
[85] 2018-01-25
[86] 2016-05-12 (PCT/US2016/032131)
[87] (WO2016/183336)
[30] US (62/161,081) 2015-05-13
[30] US (62/161,073) 2015-05-13

---

[21] **2,993,802**
[13] A1
[51] **Int.Cl. G01V 1/133 (2006.01)**
[25] EN
[54] **DOUBLY RESONANT SEISMIC SOURCE**
[54] **SOURCE SISMIQUE A DOUBLE RESONANCE**
[72] MOROZOV, ANDREY K., US
[72] WEBB, DOUGLAS C., US
[71] TELEDYNE INSTRUMENTS, INC., US
[85] 2018-01-25
[86] 2016-06-10 (PCT/US2016/036946)
[87] (WO2017/019186)
[30] US (14/809,846) 2015-07-27

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[21] **2,993,803**
[13] A1
[51] **Int.Cl. A61L 2/14 (2006.01) A47L 13/17 (2006.01) A47L 13/19 (2006.01) A47L 13/22 (2006.01) A47L 13/26 (2006.01) A47L 13/282 (2006.01) A61L 2/18 (2006.01) C02F 1/46 (2006.01) D06M 10/02 (2006.01) D06M 10/06 (2006.01) D06M 10/08 (2006.01) A61L 2/00 (2006.01)**
[25] EN
[54] **SCRUBBING DEVICE FOR CLEANING, SANITIZING OR DISINFECTING**
[54] **DISPOSITIF DE RECURAGE POUR LE NETTOYAGE, L'ASSAINISSEMENT OU LA DESINFECTION**
[72] LOUIS, JEFFREY S., US
[72] TSAI, TSUNG-CHAN, US
[72] ANTONAKAS, DAPHNE PAPPAS, US
[72] PETRAK, DAVID, US
[72] KALGHATGI, SAMEER, US
[72] GRAY, ROBERT L., US
[71] EP TECHNOLOGIES LLC, US
[85] 2018-01-25
[86] 2016-07-27 (PCT/US2016/044160)
[87] (WO2017/019722)
[30] US (62/197,614) 2015-07-28

[21] **2,993,806**
[13] A1
[51] **Int.Cl. A61K 35/15 (2015.01) C12N 5/078 (2010.01) A61P 37/06 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **MODULATING INFLAMMASOME ACTIVATION OF MYELOID-DERIVED SUPPERSSOR CELLS FOR TREATING GVHD OR TUMOR**
[54] **MODULATION D'ACTIVATION D'INFLAMMASOME DE CELLULES SUPPRESSIVES DERIVEES DE MYELOIDE POUR TRAITER GVHD OU UNE TUMEUR**
[72] MURRAY, PETER J., US
[72] TING, JENNY P. Y., US
[72] ZEISER, ROBERT, DE
[72] BLAZAR, BRUCE R., US
[72] KOEHN, BRENT H., US
[72] MILLER, JEFF S., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[71] ALBERT-LUDWIGS UNIVERSITAT FREIBURG, DE
[71] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC., US
[71] BLAZAR, BRUCE R., US
[71] KOEHN, BRENT H., US
[71] MILLER, JEFF S., US
[85] 2018-01-24
[86] 2016-08-05 (PCT/US2016/045739)
[87] (WO2017/024213)
[30] US (62/201,990) 2015-08-06

---

[21] **2,993,807**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR UNATTENDED OPERATIONS USING AUTONOMOUS OR REMOTELY OPERATED VEHICLES**
[54] **PROCEDE POUR PERMETTRE DES OPERATIONS SANS SURVEILLANCE AU MOYEN DE VEHICULES AUTONOMES OU COMMANDES A DISTANCE**
[72] MEIER, BRIAN S., US
[72] FIORENZANI, TIZIANO, US
[71] XWORKS CORPORATION, US
[85] 2018-01-25
[86] 2016-07-27 (PCT/US2016/044175)
[87] (WO2017/019728)
[30] US (62/197,401) 2015-07-27
[30] US (62/359,464) 2016-07-07

---

[21] **2,993,810**
[13] A1
[51] **Int.Cl. B29C 55/06 (2006.01) B29D 7/00 (2006.01)**
[25] EN
[54] **PURE LAYERED STRETCH FILM PRODUCED USING SINGLE PASS EXTRUSION RESINS**
[54] **FILM ETIRABLE EN COUCHES PURE PRODUIT A L'AIDE DE RESINES D'EXTRUSION A PASSAGE UNIQUE**
[72] BAAB, MICHAEL JOHN, US
[71] PARAGON FILMS, INC., US
[85] 2018-01-25
[86] 2016-08-01 (PCT/US2016/044998)
[87] (WO2017/020037)
[30] US (62/199,152) 2015-07-30
[30] US (15/224,937) 2016-08-01

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[21] **2,993,811**
[13] A1
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **TRANSOSSEOUS SUTURE ANCHOR**
[54] **ANCRAGE DE SUTURE TRANS-OSSEUSE**
[72] FALLIN, T. WADE, US
[72] HELGERSON, JOEL, US
[71] KATOR, LLC, US
[85] 2018-01-25
[86] 2016-08-01 (PCT/US2016/045067)
[87] (WO2017/023883)
[30] US (62/200,696) 2015-08-04

---

[21] **2,993,812**
[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **TOUCHLESS INTERFACE FOR A MEDICAL TREATMENT SYSTEM**
[54] **INTERFACE SANS CONTACT DESTINEE A UN SYSTEME DE TRAITEMENT MEDICAL**
[72] TARN, JEFFREY, US
[72] WANG, FEI, US
[72] TANENBAUM, LEE DANIEL, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-01-25
[86] 2016-08-02 (PCT/US2016/045113)
[87] (WO2017/030779)
[30] US (14/826,513) 2015-08-14

---

[21] **2,993,816**
[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 1/005 (2006.01) A61B 1/04 (2006.01) A61B 1/07 (2006.01)**
[25] EN
[54] **TEMPERATURE MEASUREMENT SYSTEMS, METHOD AND DEVICES**
[54] **SYSTEMES, PROCEDE ET DISPOSITIFS DE MESURE DE TEMPERATURE**
[72] CANGIALOSI, VINCENT, US
[72] GARIBOTTO, JOHN T., US
[72] JONES, JESSE, US
[72] BEGIN, ELIZABETH, US
[71] SECURUS MEDICAL GROUP, INC., US
[85] 2018-01-25
[86] 2016-08-11 (PCT/US2016/046526)
[87] (WO2017/027695)
[30] US (62/204,186) 2015-08-12

---

[21] **2,993,817**
[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BACKOFF COUNTER HANDLING IN LICENSE ASSISTED ACCESS**
[54] **SYSTEMES ET PROCEDES DESTINES AU TRAITEMENT D'UN COMPTEUR D'ATTENTE DANS UN ACCES ASSISTE SOUS LICENCE**
[72] YIN, ZHANPING, US
[72] NOGAMI, TOSHIZO, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-01-25
[86] 2016-08-03 (PCT/US2016/045351)
[87] (WO2017/024036)
[30] US (62/201,042) 2015-08-04
[30] US (15/226,831) 2016-08-02

[21] **2,993,820**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **IMPROVED DOOR LATCH FOR POWER TONG**
[54] **LOQUET DE PORTE AMELIORE POUR CLE A COMMANDE HYDROPNEUMATIQUE**
[72] WEDDLE, DWAYNE AUSTIN, US
[71] ECKEL MANUFACTURING CO., INC., US
[85] 2018-01-29
[86] 2016-07-27 (PCT/US2016/044253)
[87] (WO2017/019766)
[30] US (14/811,356) 2015-07-28

---

[21] **2,993,821**
[13] A1
[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/06 (2006.01) A47J 31/54 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAKING TEA LATTE**
[54] **APPAREIL ET PROCEDE POUR FABRIQUER DU THE LATTE**
[72] CHAWLA, GAURAV, US
[72] LEANSE, MATT, US
[72] RELAN, PETER A, US
[71] CAMELLIA LABS INC, US
[85] 2018-01-25
[86] 2016-07-27 (PCT/US2016/044342)
[87] (WO2017/019812)
[30] US (62/198,064) 2015-07-28

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[21] **2,993,823**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/337 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01) A61K 47/36 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMPLANT COMPOSITIONS FOR THE UNIDIRECTIONAL DELIVERY OF THERAPEUTIC COMPOUNDS TO THE BRAIN**
[54] **COMPOSITIONS D'IMPLANT DESTINEES A L'APPORT UNIDIRECTIONNEL DE COMPOSES THERAPEUTIQUES AU CERVEAU**
[72] MCGINITY, MICHAEL J., US
[72] ZHANG, FENG, US
[72] FLOYD, JOHN R., US
[72] MCGINITY, JAMES W., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-01-25
[86] 2016-07-28 (PCT/US2016/044390)
[87] (WO2017/019829)
[30] US (62/198,040) 2015-07-28
[30] US (62/197,739) 2015-07-28
[30] US (62/329,973) 2016-04-29

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[21] **2,993,824**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) B23K 26/03 (2006.01) G05B 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO FACILITATE WELDING SOFTWARE AS A SERVICE**
[54] **SYSTEME ET PROCEDE FOURNISSANT UN LOGICIEL DE SOUDURE EN TANT QUE SERVICE**
[72] HSU, CHRISTOPHER, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-01-25
[86] 2016-07-28 (PCT/US2016/044463)
[87] (WO2017/019860)
[30] US (62/198,450) 2015-07-29

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[21] **2,993,833**
[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **N+0 REDUNDANCY IN A NETWORK ACCESS SYSTEM**
[54] **REDONDANCE N+0 DANS UN SYSTEME D'ACCES RESEAU**
[72] KRAPP, STEVEN JOHN, US
[72] CYR, GREGORY J., US
[72] MCNALLY, OWEN, US
[72] ULM, JOHN, US
[72] HOWE, JEFFREY JOSEPH, US
[72] CLOONAN, THOMAS J., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-01-25
[86] 2016-08-16 (PCT/US2016/047120)
[87] (WO2017/031095)
[30] US (62/206,946) 2015-08-19
[30] US (15/237,063) 2016-08-15

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[21] **2,993,835**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **CONSTRUCTS HAVING A SIRP-ALPHA DOMAIN OR VARIANT THEREOF**
[54] **CONSTRUCTIONS CONTENANT UN DOMAINE SIRP-ALPHA OU UN VARIANT DE CELUI-CI**
[72] PONS, JAUME, US
[72] DEMING, LAURA, US
[72] GOODMAN, COREY, US
[72] SIM, BANG JANET, US
[72] KAUDER, STEVEN ELLIOT, US
[72] WAN, HONG, US
[72] KUO, TRACY CHIA-CHIEN, US
[71] ALEXO THERAPEUTICS INC., US
[85] 2018-01-25
[86] 2016-08-05 (PCT/US2016/045914)
[87] (WO2017/027422)
[30] US (62/202,772) 2015-08-07
[30] US (62/202,775) 2015-08-07
[30] US (62/202,779) 2015-08-07
[30] US (62/265,887) 2015-12-10
[30] US (62/276,801) 2016-01-08
[30] US (62/276,796) 2016-01-08
[30] US (62/346,414) 2016-06-06

[21] **2,993,837**
[13] A1
[51] **Int.Cl. H01B 1/22 (2006.01) C09D 11/52 (2014.01) A61B 5/0408 (2006.01)**
[25] EN
[54] **SILVER-SILVER CHLORIDE COMPOSITIONS AND ELECTRICAL DEVICES CONTAINING THE SAME**
[54] **COMPOSITIONS ARGENT-CHLORURE D'ARGENT ET DISPOSITIFS ELECTRIQUES LES CONTENANT**
[72] HAGAR, JESSE A., US
[72] PASCUCCI, NICHOLAS, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2018-01-25
[86] 2016-08-22 (PCT/US2016/047999)
[87] (WO2017/031487)
[30] US (62/207,684) 2015-08-20

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[21] **2,993,838**
[13] A1
[51] **Int.Cl. A61M 13/00 (2006.01) A61B 17/34 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **COUPLING DEVICES FOR TUBE SETS USED WITH SURGICAL GAS DELIVERY SYSTEMS**
[54] **DISPOSITIFS DE RACCORDEMENT POUR ENSEMBLES DE TUBES UTILISES AVEC DES SYSTEMES D'APPORT DE GAZ CHIRURGICAL**
[72] ZERGIEBEL, EARL M., US
[72] MASTRI, DOMINICK, GB
[72] AUGELLI, MICHAEL J., US
[72] BLIER, KENNETH, US
[71] SURGIQUEST, INC., US
[85] 2018-01-25
[86] 2016-08-19 (PCT/US2016/047741)
[87] (WO2017/034965)
[30] US (62/208,169) 2015-08-21

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[21] **2,993,841**
[13] A1
[51] **Int.Cl. H04W 52/14 (2009.01) H04W 52/22 (2009.01) H04W 52/24 (2009.01) H04W 52/26 (2009.01) H04W 52/36 (2009.01) H04W 72/12 (2009.01) H04L 5/00 (2006.01)**
[25] EN
[54] **POWER CONTROL IN WIRELESS NETWORKS**
[54] **REGULATION DE PUISSANCE DANS DES RESEAUX SANS FIL**
[72] BHARADWAJ, ARJUN, US
[72] TANDRA, RAHUL, US
[72] TIAN, BIN, US
[72] KIM, YOUHAN, US
[72] MERLIN, SIMONE, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-01-25
[86] 2016-09-01 (PCT/US2016/049910)
[87] (WO2017/040788)
[30] US (62/214,159) 2015-09-03
[30] US (15/253,651) 2016-08-31

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[21] **2,993,850**
[13] A1
[51] **Int.Cl. F21V 8/00 (2006.01) G02B 6/12 (2006.01)**
[25] EN
[54] **ANGULAR SUBPIXEL RENDERING MULTIVIEW DISPLAY USING SHIFTED MULTIBEAM DIFFRACTION GRATINGS**
[54] **DISPOSITIF D'AFFICHAGE MULTIVUES A RENDU DE SOUS-PIXEL ANGULAIRE UTILISANT DES RESEAUX DE DIFFRACTION MULTIFAISCEAU DECALES**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-01-25
[86] 2016-09-05 (PCT/US2016/050334)
[87] (WO2017/041079)
[30] US (62/214,970) 2015-09-05

---

[21] **2,993,878**
[13] A1
[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] EN
[54] **OSTEOSYNTHESIS DEVICE**
[54] **DISPOSITIF D'OSTEOSYNTHESE**
[72] HEUER, FRANK, DE
[71] SILONY MEDICAL INTERNATIONAL AG, CH
[85] 2018-01-26
[86] 2016-06-03 (PCT/EP2016/062595)
[87] (WO2017/016717)
[30] DE (10 2015 214 384.8) 2015-07-29

---

[21] **2,993,879**
[13] A1
[51] **Int.Cl. B32B 5/02 (2006.01) B32B 5/18 (2006.01) B32B 5/24 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **ASSEMBLY ADHESIVE TAPE AND USE OF THE ASSEMBLY ADHESIVE TAPE FOR THE PRINTING INDUSTRY**
[54] **BANDE ADHESIVE DE MONTAGE ET UTILISATION DE LA BANDE ADHESIVE DE MONTAGE POUR L'INDUSTRIE TYPOGRAPHIQUE**
[72] SCHUHMANN, MICHAEL, DE
[72] PANHANS, JURGEN, DE
[72] BETZ, ALEXANDER, DE
[71] INFIANA GERMANY GMBH & CO. KG, DE
[85] 2018-01-26
[86] 2016-07-15 (PCT/EP2016/066919)
[87] (WO2017/016904)
[30] DE (10 2015 112 206.5) 2015-07-27

---

[21] **2,993,880**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **METHOD FOR VENTING A DIALYZER**
[54] **PROCEDE POUR REALISER UNE PURGE D'AIR DANS UN DIALYSEUR**
[72] KLOFFEL, PETER, DE
[72] NURNBERGER, THOMAS, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2018-01-26
[86] 2016-07-27 (PCT/EP2016/001301)
[87] (WO2017/016662)
[30] DE (10 2015 009 886.1) 2015-07-29

[21] **2,993,881**
[13] A1
[51] **Int.Cl. F16D 3/38 (2006.01) F16C 33/78 (2006.01) F16D 3/41 (2006.01)**
[25] EN
[54] **PROTECTIVE RING, SEALING ARRANGEMENT AND JOURNAL CROSS ASSEMBLY**
[54] **BAGUE DE PROTECTION, ENSEMBLE D'ETANCHEITE ET GARNITURE DE CROISILLON**
[72] STEIN, THOMAS, DE
[71] SPICER GELENKWELLENBAU GMBH, DE
[85] 2018-01-26
[86] 2016-07-18 (PCT/EP2016/067089)
[87] (WO2017/025281)
[30] EP (15180633.8) 2015-08-11

[21] **2,993,882**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/352 (2006.01) A61K 31/453 (2006.01) A61P 9/12 (2006.01) C07D 311/96 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **ANALOGS OF ADAMANTYLUREAS AS SOLUBLE EPOXIDE HYDROLASE INHIBITORS**
[54] **ANALOGUES D'ADAMANTYLUREES UTILISES EN TANT QU'INHIBITEURS D'HYDROLASE EPOXYDE SOLUBLE**
[72] VAZQUEZ CRUZ, SANTIAGO, ES
[72] VALVERDE MURILLO, ELENA, ES
[72] LEIVA MARTINEZ, ROSANA, ES
[72] VAZQUEZ CARRERA, MANUEL, ES
[72] CODONY GISBERT, SANDRA, ES
[71] UNIVERSITAT DE BARCELONA, ES
[85] 2018-01-26
[86] 2016-07-25 (PCT/EP2016/067620)
[87] (WO2017/017048)
[30] EP (15178618.3) 2015-07-28

[21] **2,993,883**
[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ENHANCED IMMUNE RESPONSE IN PORCINE SPECIES**
[54] **AMELIORATION DE LA REPONSE IMMUNITAIRE POUR DES ESPECES PORCINES**
[72] ABRAHAM, ALBERT, US
[72] NICKELL, JASON, US
[72] KEIL, DANIEL, US
[72] WEISS, CHRISTIAN, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
[85] 2018-01-26
[86] 2016-07-28 (PCT/EP2016/067971)
[87] (WO2017/021266)
[30] US (62/199,848) 2015-07-31

[21] **2,993,884**
[13] A1
[51] **Int.Cl. H01L 21/20 (2006.01)**
[25] EN
[54] **PROCESS FOR GROWING NANOWIRES OR NANOPYRAMIDS ON GRAPHITIC SUBSTRATES**
[54] **PROCEDES DE CROISSANCE DE NANOFILS OU DE NANOPYRAMIDES SUR DES SUBSTRATS GRAPHITIQUES**
[72] KIM, DONG-CHUL, NO
[72] HOIAAS, IDA MARIE, NO
[72] MUNSHI, MAZID, NO
[72] FIMLAND, BJORN OVE, NO
[72] WEMAN, HELGE, CH
[72] REN, DINGDING, NO
[72] DHEERAJ, DASA, NO
[71] CRAYONANO AS, NO
[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
[85] 2018-01-26
[86] 2016-08-01 (PCT/EP2016/068350)
[87] (WO2017/021380)
[30] GB (1513567.6) 2015-07-31
[30] GB (1600162.0) 2016-01-05

[21] **2,993,885**
[13] A1
[51] **Int.Cl. C07K 14/745 (2006.01)**
[25] EN
[54] **HETEROMERS COMPRISING ANTIBODY DOMAIN FUSION PROTEINS**
[54] **HETEROMERES COMPRENANT DES PROTEINES FUSIONNEES A UN DOMAINE D'ANTICORPS**
[72] GOLETZ, STEFFEN, DE
[72] JAHN, DOREEN, DE
[71] GLYCOTOPE GMBH, DE
[85] 2018-01-26
[86] 2016-08-05 (PCT/EP2016/068730)
[87] (WO2017/021528)
[30] LU (92791) 2015-08-06
[30] EP (15180252.7) 2015-08-07

[21] **2,993,886**
[13] A1
[51] **Int.Cl. C08L 23/12 (2006.01)**
[25] EN
[54] **COMPOSITE COMPRISING A CELLULOSE-BASED FILLER**
[54] **COMPOSITE COMPRENANT UNE CHARGE A BASE DE CELLULOSE**
[72] PUKANSZKY, BELA, HU
[72] RENNER, KAROLY, HU
[72] KALMAR, SZABOLCS, HU
[72] LUMMERSTORFER, THOMAS, AT
[72] BRAUN, HERMANN, AT
[72] DOSHEV, PETAR, AT
[72] JERABEK, MICHAEL, AT
[71] BOREALIS AG, AT
[85] 2018-01-26
[86] 2016-08-11 (PCT/EP2016/069113)
[87] (WO2017/029181)
[30] EP (15181060.3) 2015-08-14

---

[21] **2,993,887**
[13] A1
[51] **Int.Cl. D04H 1/00 (2006.01) D04H 1/732 (2012.01) A47G 9/02 (2006.01) D04H 1/02 (2006.01) D04H 1/42 (2012.01) D04H 1/54 (2012.01) D04H 1/70 (2012.01) D04H 1/72 (2012.01)**
[25] EN
[54] **VOLUME NONWOVEN FABRIC**
[54] **MATIERE NON-TISSEE A GONFLANT VOLUMINEUX**
[72] HERRLICH, ULRIKE, DE
[72] SCHARFENBERGER, GUNTER, DE
[72] SATTLER, THOMAS, DE
[72] GRYNAEUS, PETER, DE
[71] CARL FREUDENBERG KG, DE
[85] 2018-01-26
[86] 2016-08-11 (PCT/EP2016/069151)
[87] (WO2017/029191)
[30] EP (15181388.8) 2015-08-18

---

[21] **2,993,888**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/00 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **RADIOFREQUENCY ABLATION CATHETER WITH OPTICAL TISSUE EVALUATION**
[54] **CATHETER D'ABLATION PAR RADIOFREQUENCE AVEC EVALUATION OPTIQUE DU TISSU**
[72] MARGALLO BALBAS, EDUARDO, ES
[72] RUBIO GIVERNAU, JOSE LUIS, ES
[72] JIMENEZ VALERO, SANTIAGO, ES
[72] BARRIGA RIVERA, ALEJANDRO, ES
[72] CONTRERAS BERMEJO, JUSTO, ES
[72] LLORET SOLER, JUAN, ES
[71] MEDLUMICS S.L., ES
[85] 2018-01-26
[86] 2016-07-28 (PCT/EP2016/001303)
[87] (WO2017/016663)
[30] US (62/198,591) 2015-07-29
[30] US (15/220,186) 2016-07-26

---

[21] **2,993,890**
[13] A1
[51] **Int.Cl. E21B 23/06 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **DOWNHOLE COMPLETION SYSTEM SEALING AGAINST THE CAP LAYER**
[54] **SYSTEME DE COMPLETION DE FOND DE TROU ASSURANT L'ETANCHEITE CONTRE LA COUCHE DE COUVERTURE**
[72] HAZEL, PAUL, GB
[71] WELLTEC A/S, DK
[85] 2018-01-26
[86] 2016-08-17 (PCT/EP2016/069503)
[87] (WO2017/029319)
[30] EP (15181310.2) 2015-08-17
[30] EP (15191258.1) 2015-10-23

---

[21] **2,993,893**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/506 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS**
[54] **FORMES CRISTALLINES**
[72] AISSAOUI, HAMED, CH
[72] BOSS, CHRISTOPH, CH
[72] BOUIS, PATRICK, CH
[72] HAZEMANN, JULIEN, CH
[72] SIEGRIST, ROMAIN, CH
[72] VON RAUMER, MARKUS, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2018-01-26
[86] 2016-09-14 (PCT/EP2016/071637)
[87] (WO2017/046125)
[30] EP (PCT/EP2015/071060) 2015-09-15

---

[21] **2,993,901**
[13] A1
[51] **Int.Cl. B42D 25/29 (2014.01) B42D 25/328 (2014.01) B42D 25/351 (2014.01) G07D 7/00 (2016.01)**
[25] EN
[54] **SECURITY ELEMENT HAVING A SUBWAVELENGTH GRATING**
[54] **ELEMENT DE SECURITE MUNI D'UN RESEAU SUB-LONGUEUR D'ONDE**
[72] LOCHBIHLER, HANS, DE
[71] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
[85] 2018-01-26
[86] 2016-07-25 (PCT/EP2016/001291)
[87] (WO2017/021000)
[30] DE (10 2015 010 191.9) 2015-08-06

---

[21] **2,993,924**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS COMPRISING A LOW COPY NUMBER OF RI GENES**
[54] **PLANTES COMPRENANT UN FAIBLE NOMBRE DE COPIES DE GENES RI**
[72] NIELSEN, KAI LONNE, DK
[71] A/S KNUD JEPSEN, DK
[85] 2018-01-26
[86] 2016-08-12 (PCT/EP2016/069235)
[87] (WO2017/029214)
[30] NL (2015306) 2015-08-14
[30] NL (2015312) 2015-08-17

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[21] **2,993,934**
[13] A1
[51] **Int.Cl. C09K 8/42 (2006.01) C09K 8/467 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CEMENTING A WELLBORE USING MICROBES OR ENZYMES**
[54] **COMPOSITIONS ET PROCEDES POUR LA CIMENTATION D'UN TROU DE FORAGE AU MOYEN DE MICROBES OU D'ENZYMES**
[72] WILSON, MICHAEL B., US
[72] VORDERBRUGGEN, MARK A., US
[72] ARMSTRONG, CHARLES DAVID, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-01-26
[86] 2016-07-26 (PCT/US2016/044069)
[87] (WO2017/023618)
[30] US (14/814,925) 2015-07-31

[21] **2,993,936**
[13] A1
[51] **Int.Cl. G06K 7/10 (2006.01) G06Q 50/02 (2012.01) E21B 47/12 (2012.01) G01V 15/00 (2006.01) G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **ACTIVE RFID TAG ARRANGEMENTS FOR ACTUATION OF DOWNHOLE EQUIPMENT IN WELL FLUIDS**
[54] **AGENCEMENTS D'ETIQUETTE D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) ACTIVE POUR ACTIONNEMENT D'EQUIPEMENT DE FOND DE TROU DANS DES FLUIDES DE PUITS**
[72] OWNBY, JOHN, US
[72] KNIGHT, MATTHEW, US
[72] DALZELL, RICHARD, US
[72] SHARMA, RUPA, US
[72] EVANS, ERIC R., US
[72] JACOB, JOBBY T., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-01-26
[86] 2016-07-27 (PCT/US2016/044235)
[87] (WO2017/027218)
[30] US (62/202,267) 2015-08-07

---

[21] **2,993,939**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 6/12 (2006.01) G02F 1/1335 (2006.01)**
[25] EN
[54] **DIFFRACTIVE BACKLIGHT DISPLAY AND SYSTEM**
[54] **AFFICHEUR ET SYSTEME A RETROECLAIRAGE A DIFFRACTION**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-01-26
[86] 2016-07-02 (PCT/US2016/040904)
[87] (WO2017/039825)
[30] US (62/214,976) 2015-09-05
[30] US (PCT/US2016/040582) 2016-06-30

---

[21] **2,993,941**
[13] A1
[51] **Int.Cl. B32B 13/02 (2006.01) B32B 3/26 (2006.01) B32B 5/02 (2006.01) B32B 13/08 (2006.01) B32B 13/14 (2006.01) B32B 29/02 (2006.01) E04C 2/04 (2006.01)**
[25] EN
[54] **GYPSUM WALLBOARD WITH REINFORCING MESH**
[54] **PANNEAU MURAL EN PLATRE AVEC TREILLIS DE RENFORCEMENT**
[72] LI, ALFRED, US
[72] SANG, YIJUN, US
[72] SONG, DAVID, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-01-26
[86] 2016-07-26 (PCT/US2016/044049)
[87] (WO2017/023614)
[30] US (14/815,675) 2015-07-31

---

[21] **2,993,942**
[13] A1
[51] **Int.Cl. H01P 3/06 (2006.01) B29C 67/00 (2017.01) H01P 11/00 (2006.01)**
[25] EN
[54] **3D PRINTED TRANSMISSION LINE ASSEMBLY**
[54] **ENSEMBLE LIGNE DE TRANSMISSION IMPRIMEE EN 3D**
[72] KOCUREK, PATRICK J., US
[72] SCHLIETER, DANIEL, US
[72] LOEHRIEIN, CHRISTOPHER, US
[72] PILLANS, BRANDON W., US
[72] PIERCE, RICHARD G., US
[71] RAYTHEON COMPANY, US
[85] 2018-01-26
[86] 2016-05-31 (PCT/US2016/034936)
[87] (WO2017/023403)
[30] US (14/817,891) 2015-08-04

---

[21] **2,993,944**
[13] A1
[51] **Int.Cl. G06F 8/36 (2018.01)**
[25] EN
[54] **IDENTIFICATION OF SOFTWARE COMPONENTS IN A SOFTWARE CODEBASE**
[54] **IDENTIFICATION DE COMPOSANTS LOGICIELS DANS UNE BASE DE CODE LOGICIEL**
[72] KOOHGOLI, MAHSHAD, CA
[72] SHEN, XIAOJUN, CA
[72] POTTS, CHRISTOPHER, CA
[72] MALAKI, AIDA, CA
[71] SYNOPSYS, INC., US
[85] 2018-01-26
[86] 2016-07-05 (PCT/US2016/041017)
[87] (WO2017/044180)
[30] US (14/795,559) 2015-09-07

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[21] **2,993,947**
[13] A1
[51] **Int.Cl. A61B 3/028 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING CORRECTIVE VISION**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE VISION CORRECTIVE**
[72] WIDMAN, MICHAEL F., US
[72] DAVIS, JAMES TIMOTHY, US
[72] LAFERRIERE, JASMIN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2018-01-26
[86] 2016-07-27 (PCT/US2016/044264)
[87] (WO2017/019771)
[30] US (62/198,656) 2015-07-29

[21] **2,993,949**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 44/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **INTEGRATED WORKFLOW FOR FEASIBILITY STUDY OF CUTTINGS REINJECTION BASED ON 3-D GEOMECHANICS ANALYSIS**
[54] **FLUX DE TRAVAIL INTEGRE POUR UNE ETUDE DE FAISABILITE DE REINJECTION DE DEBLAIS EN SE BASANT SUR UNE ANALYSE GEOMECANIQUE 3D**
[72] SHEN, XINPU, US
[72] STANDIFIRD, WILLIAM B., US
[72] SHEN, GUOYANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-26
[86] 2015-08-31 (PCT/US2015/047787)
[87] (WO2017/039622)

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[21] **2,993,954**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 41/00 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **TUBULAR WEAR VOLUME DETERMINATION USING ADJUSTABLE WEAR FACTORS**
[54] **DETERMINATION DU VOLUME D'USURE TUBULAIRE A L'AIDE DE FACTEURS D'USURE AJUSTABLES**
[72] SAMUEL, ROBELLO, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2018-01-26
[86] 2015-09-01 (PCT/US2015/047950)
[87] (WO2017/039644)

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[21] **2,993,960**
[13] A1
[51] **Int.Cl. E04B 1/343 (2006.01) E04B 1/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STANDARDIZED MODULAR CONSTRUCTION**
[54] **SYSTEME ET PROCEDE DE CONSTRUCTION MODULAIRE NORMALISEE**
[72] TARCISIO MARCIO ALONSO, TARCISIO, BR
[71] COLLINE OF FLORIDA, LLC, US
[85] 2018-01-26
[86] 2016-07-27 (PCT/US2016/044295)
[87] (WO2017/019786)
[30] US (62/197,529) 2015-07-27

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[21] **2,993,963**
[13] A1
[51] **Int.Cl. C02F 1/02 (2006.01) C02F 1/06 (2006.01) C02F 11/18 (2006.01)**
[25] EN
[54] **ENERGY EFFICIENT SYSTEM AND PROCESS FOR HYDROLYZING SLUDGE**
[54] **SYSTEME ET PROCEDE ECONOMES EN ENERGIE POUR L'HYDROLYSE DE BOUE**
[72] DIMASSIMO, RICHARD, US
[72] HOJSGAARD, SOREN, DK
[72] BISGAARD, JENS CHRISTIAN, DK
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2018-01-26
[86] 2016-07-21 (PCT/US2016/043300)
[87] (WO2017/023561)
[30] US (62/199,273) 2015-07-31

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[21] **2,993,970**
[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 9/51 (2006.01) A61K 31/136 (2006.01) A61K 31/18 (2006.01) A61K 31/337 (2006.01) A61K 31/4745 (2006.01) A61K 31/475 (2006.01) A61K 31/513 (2006.01) A61K 31/519 (2006.01) A61K 31/573 (2006.01) A61K 31/704 (2006.01) A61K 31/7076 (2006.01) A61K 31/708 (2006.01) A61K 33/24 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CHEMORESISTANT CANCER-INITIATING CELLS**
[54] **PROCEDES POUR LE TRAITEMENT DES CELLULES INITIATRICES D'UN CANCER CHIMIO-RESISTANTES**
[72] LI, LINHENG, US
[72] LU, XIULING, US
[72] PERRY, JOHN M., US
[72] SITTAMPALAM, GURUSINGHAM SITTA, US
[72] ROY, ANURADHA, US
[72] HE, XI C., US
[72] KASI, RAJESWARI, US
[71] UNIVERSITY OF KANSAS, US
[71] STOWERS INSTITUTE FOR MEDICAL RESEARCH, US
[71] UNIVERSITY OF CONNECTICUT, US
[85] 2018-01-26
[86] 2016-07-28 (PCT/US2016/044584)
[87] (WO2017/019914)
[30] US (62/198,670) 2015-07-29

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[21] **2,993,973**
[13] A1
[51] **Int.Cl. C08K 9/10 (2006.01) B29B 9/00 (2006.01) C08J 3/22 (2006.01)**
[25] EN
[54] **ENCAPSULATED STABILIZER COMPOSITIONS**
[54] **COMPOSITIONS ENCAPSULEES DE STABILISANT**
[72] TIJHUIS, DINAND, NL
[72] TIJHUIS, ERWIN, NL
[72] KOZAKIEWICZ, JOSEPH, US
[72] ENG, JERRY MON HEI, US
[72] GUPTA, RAM B., US
[72] VANZIN, DAVID, US
[72] MAJMUDAR, SHAILESH, US
[71] CYTEC INDUSTRIES INC., US
[85] 2018-01-26
[86] 2016-07-29 (PCT/US2016/044721)
[87] (WO2017/023755)
[30] US (62/199,265) 2015-07-31

[21] **2,993,976**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **ANTI-ANGPTL8 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-ANGPTL8 ET LEURS UTILISATIONS**
[72] GUSAROVA, VIKTORIA, US
[72] GROMADA, JESPER, US
[72] MURPHY, ANDREW J., US
[72] BUCKLER, DAVID R., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-01-26
[86] 2016-08-04 (PCT/US2016/045535)
[87] (WO2017/027316)
[30] US (62/202,366) 2015-08-07

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[21] **2,993,977**
[13] A1
[51] **Int.Cl. B05B 5/00 (2006.01)**
[25] EN
[54] **CASCADE SYSTEM**
[54] **SYSTEME EN CASCADE**
[72] BALTZ, JAMES PAUL, US
[72] HELDMAN, ANDREW JAMES, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2018-01-26
[86] 2016-08-04 (PCT/US2016/045647)
[87] (WO2017/024178)
[30] US (62/201,431) 2015-08-05
[30] US (15/227,829) 2016-08-03

---

[21] **2,993,984**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **RULES ENGINE FOR CONNECTED DEVICES**
[54] **MOTEUR DE REGLES POUR DES DISPOSITIFS CONNECTES**
[72] TAL, ERAN, US
[72] REHWALD, MARTIN, US
[72] PENOV, FRANCISLAV, US
[72] YANG, SIYIN, US
[72] KOWALEWSKI, DAMIAN, US
[72] YAKOVLEV, GEORGIY, US
[72] CHHABRA, ANUPMA, US
[72] LAWRENCE, ZACHARY CHEE-PING, US
[72] AHMAD, RIZWAN, US
[72] TIEN, DUNG NGUYEN, US
[72] ESCARENO, ANGELICA ESTEFANIA, US
[72] BIGIO, AIDYMAR, US
[71] FACEBOOK, INC., US
[85] 2018-01-26
[86] 2016-08-05 (PCT/US2016/045680)
[87] (WO2017/024190)
[30] US (62/201,496) 2015-08-05
[30] US (15/228,002) 2016-08-04

---

[21] **2,993,988**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **BLANKING PATTERN INDICATION FOR RESOURCE UTILIZATION IN CELLULAR RADIO COMMUNICATION**
[54] **INDICATION DE PROFIL DE MASQUAGE POUR L'UTILISATION DE RESSOURCES DANS LA COMMUNICATION RADIO CELLULAIRE**
[72] FROEBERG OLSSON, JONAS, SE
[72] BERGSTROEM, ANDREAS, SE
[72] ERIKSSON, ERIK, SE
[72] FRENGER, PAL, SE
[72] HESSLER, MARTIN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-01-25
[86] 2015-07-27 (PCT/EP2015/067147)
[87] (WO2017/016588)

---

[21] **2,993,991**
[13] A1
[51] **Int.Cl. H01P 7/06 (2006.01)**
[25] EN
[54] **FLIP-CHIP EMPLOYING INTEGRATED CAVITY FILTER, AND RELATED COMPONENTS, SYSTEMS, AND METHODS**
[54] **PUCE RETOURNEE EMPLOYANT UN FILTRE A CAVITE INTEGRE, ET COMPOSANTS, SYSTEMES ET PROCEDES ASSOCIES**
[72] LEE, JOHN JONG-HOON, US
[72] SONG, YOUNG KYU, US
[72] JOW, UEI-MING, US
[72] CHOI, SANGJO, US
[72] ZHANG, XIAONAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-01-26
[86] 2016-08-30 (PCT/US2016/049440)
[87] (WO2017/048500)
[30] US (14/853,802) 2015-09-14

---

[21] **2,993,993**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 1/30 (2006.01) G01N 1/31 (2006.01) G01N 21/63 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **ANTIGEN DETECTION USING PHOTOCLEAVABLE LABELS**
[54] **DETECTION D'ANTIGENES A L'AIDE DE MARQUEURS PHOTOCLIVABLES**
[72] HEALY, MIMI, US
[72] CHEN, XIYI, US
[72] WANG, JINCHUN, US
[72] WU, WEIDONG, US
[72] PETRICHENKO, SOPHIA, US
[72] ZHANG, SU, US
[72] FRYE, STACIE, US
[71] LASERGEN, INC., US
[85] 2018-01-26
[86] 2016-08-08 (PCT/US2016/045981)
[87] (WO2017/024298)
[30] US (62/201,978) 2015-08-06

[21] **2,993,996**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **USE OF ANTI-CD40 ANTIBODIES FOR TREATMENT OF LUPUS NEPHRITIS**
[54] **UTILISATION D'ANTICORPS ANTI-CD40 POUR LE TRAITEMENT DE LA NEPHRITE LUPIQUE**
[72] BRODEUR, SCOTT RONALD, US
[72] FREEMAN, THOMAS B., US
[72] NABOZNY, GERALD HENRY, US
[72] RAMANUJAM, MEERA, US
[72] SCHOLL, PAUL, US
[72] STEFFGEN, JUERGEN, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-01-26
[86] 2016-08-31 (PCT/US2016/049558)
[87] (WO2017/040566)
[30] US (62/212,810) 2015-09-01
[30] US (62/257,336) 2015-11-19
[30] US (62/287,587) 2016-01-27

---

[21] **2,993,999**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/351 (2006.01) A61K 31/7036 (2006.01) A61K 45/06 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS COMPRISING MUPIROCIN AND NEOMYCIN**
[54] **COMPOSITIONS ANTIMICROBIENNES CONTENANT DE LA MUPIROCINE ET DE LA NEOMYCINE**
[72] DUNMAN, PAUL M., US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2018-01-26
[86] 2016-08-03 (PCT/US2016/045258)
[87] (WO2017/023977)
[30] US (62/201,380) 2015-08-05

---

[21] **2,994,011**
[13] A1
[51] **Int.Cl. B29C 45/77 (2006.01)**
[25] EN
[54] **INJECTION MOLDING APPARATUS AND METHOD OF CONTROLLING SAME**
[54] **APPAREIL DE MOULAGE PAR INJECTION ET PROCEDE PERMETTANT DE LE COMMANDER**
[72] ALTONEN, GENE MICHAEL, US
[72] BURNS, BRIAN MATTHEW, US
[71] IMFLUX INC., US
[85] 2018-01-26
[86] 2016-08-24 (PCT/US2016/048376)
[87] (WO2017/035222)
[30] US (62/210,514) 2015-08-27

---

[21] **2,994,027**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **BICYCLIC HETEROCYCLIC DERIVATIVES**
[54] **DERIVES HETEROCYCLIQUES BICYCLIQUES**
[72] BUCHSTALLER, HANS-PETER, DE
[71] MERCK PATENT GMBH, DE
[85] 2018-01-29
[86] 2016-06-30 (PCT/EP2016/001114)
[87] (WO2017/020981)
[30] EP (15179210.8) 2015-07-31

---

[21] **2,994,029**
[13] A1
[51] **Int.Cl. A47F 1/04 (2006.01) A47F 3/02 (2006.01)**
[25] EN
[54] **DISPENSING DEVICE**
[54] **DISPOSITIF DE SORTIE**
[72] WOLF, ALEXIS, DE
[71] WANZL METALLWARENFABRIK GMBH, DE
[85] 2018-01-29
[86] 2016-03-10 (PCT/EP2016/055156)
[87] (WO2017/041902)
[30] DE (10 2015 115 088.3) 2015-09-08

---

[21] **2,994,030**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **PRIVACY BY DESIGN DATABASE AND METHODS OPERATING THEREON**
[54] **CONFIDENTIALITE CONFEREE PAR UNE CONCEPTION DE BASE DE DONNEES ET PROCEDES D'EXPLOITATION ASSOCIES**
[72] RIBBENS, KAREL, BE
[72] ANAGNOSTAKIS, CHRISTOS, BE
[71] AZTRIX NV, BE
[85] 2018-01-29
[86] 2015-07-27 (PCT/EP2015/067165)
[87] (WO2016/016192)
[30] US (62/030,242) 2014-07-29

---

[21] **2,994,031**
[13] A1
[51] **Int.Cl. C08G 18/76 (2006.01) C08G 18/79 (2006.01) C08J 9/28 (2006.01)**
[25] EN
[54] **ISOCYANATE BASED ORGANIC XEROGELS WITH REDUCED DENSITY**
[54] **XEROGELS ORGANIQUES A BASE D'ISOCYANATE PRESENTANT UNE DENSITE REDUITE**
[72] JONCHERAY, THOMAS JULIEN, BE
[72] VANDENBROECK, JAN, BE
[72] GEUMEZ, GILLES JEAN, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2018-01-29
[86] 2016-06-16 (PCT/EP2016/063869)
[87] (WO2017/021047)
[30] EP (EP15179990.5) 2015-08-06

[21] **2,994,033**
[13] A1
[51] **Int.Cl. D03C 9/02 (2006.01) D03D 1/00 (2006.01) D03D 15/00 (2006.01) D03D 41/00 (2006.01)**
[25] EN
[54] **MULTILAYERED WOVEN FABRIC AS WELL AS CORRESPONDING PRODUCTION METHOD**
[54] **TISSU MULTICOUCHE ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] RUTZ, ANDREAS, DE
[71] LINDAUER DORNIER GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2018-01-29
[86] 2016-07-12 (PCT/EP2016/066552)
[87] (WO2017/021110)
[30] DE (10 2015 112 896.9) 2015-08-05

---

[21] **2,994,035**
[13] A1
[51] **Int.Cl. B01D 53/22 (2006.01) B01D 63/02 (2006.01) B01D 63/10 (2006.01) B01D 63/12 (2006.01) B01D 65/00 (2006.01)**
[25] EN
[54] **FLEXIBLY ADAPTABLE MEMBRANE CARTRIDGES FOR THE SEPARATION OF FLUIDS**
[54] **CARTOUCHES A MEMBRANES POUR LA SEPARATION DE FLUIDES POUVANT ETRE ADAPTEES DE MANIERE FLEXIBLE**
[72] VISSER, TYMEN, NL
[72] PEDERSEN, STEVEN K., CA
[71] EVONIK FIBRES GMBH, AT
[85] 2018-01-29
[86] 2016-07-18 (PCT/EP2016/067030)
[87] (WO2017/016913)
[30] EP (15179092.0) 2015-07-30

---

[21] **2,994,036**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) A61P 31/10 (2006.01) A61P 33/02 (2006.01)**
[25] EN
[54] **NOVEL FUSED PYRIMIDINONE AND TRIAZINONE DERIVATIVES, THEIR PROCESS OF PREPARATION AND THEIR THERAPEUTIC USES AS ANTIFUNGAL AND/OR ANTIPARASITIC AGENTS**
[54] **NOUVEAUX DERIVES DE PYRIMIDINONE ET DE TRIAZINONE FUSIONNES, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS THERAPEUTIQUES EN TANT QU'AGENTS ANTIFONGIQUES ET/OU ANTIPARASITAIRES**
[72] LOGE, CEDRIC, FR
[72] GUILLON, REMI, FR
[72] MONTOIR, DAVID, FR
[72] PAGNIEZ, FABRICE, FR
[72] LE PEPE, PATRICE, FR
[71] UNIVERSITE DE NANTES, FR
[85] 2018-01-29
[86] 2016-07-22 (PCT/EP2016/067530)
[87] (WO2017/021178)
[30] EP (PCT/EP2015/067752) 2015-07-31

---

[21] **2,994,037**
[13] A1
[51] **Int.Cl. A22B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY LOOSENING OR REMOVING SHOULDER BLADES FROM SHOULDER OF CARCASSES**
[54] **SYSTEME ET PROCEDE POUR DECOLLER OU ENLEVER AUTOMATIQUEMENT DES OMOPLATES D'EPAULE DE CARCASSES**
[72] VAN DER LEEST, JOHANNES CORNELIS ANTONIUS MARIA, NL
[72] STOOTS, DENNIS ANTOON JOHAN, NL
[72] VAN DER STEEN, FRANCISCUS THEODORUS HENRICUS JOHANNES, NL
[71] MAREL MEAT B.V., NL
[85] 2018-01-29
[86] 2016-07-13 (PCT/EP2016/066646)
[87] (WO2017/016874)
[30] EP (15179087.0) 2015-07-30

---

[21] **2,994,038**
[13] A1
[51] **Int.Cl. F15B 1/02 (2006.01) F15B 15/14 (2006.01)**
[25] EN
[54] **HYDRAULIC ACTUATOR, PARTICULARLY OF THE SHOCK ABSORBING AND/OR DAMPING TYPE**
[54] **ACTIONNEUR HYDRAULIQUE, EN PARTICULIER DU TYPE AMORTISSEMENT ET/OU ABSORPTION DE CHOCS**
[72] ANTONIONI, ANGELO, IT
[71] ANTONIONI HYDRAULIC SOLUTIONS S.R.L., IT
[85] 2018-01-29
[86] 2016-08-01 (PCT/EP2016/068316)
[87] (WO2017/021360)
[30] IT (102015000041592) 2015-08-04

---

[21] **2,994,039**
[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/39 (2006.01)**
[25] EN
[54] **ENHANCED IMMUNE RESPONSE IN AQUATIC SPECIES**
[54] **AMELIORATION DE LA REPONSE IMMUNITAIRE POUR DES ESPECES AQUATIQUES**
[72] WEISS, CHRISTIAN, DE
[72] SIMARD, NATHALIE C., GB
[72] KOESLING, JAN, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
[85] 2018-01-29
[86] 2016-07-27 (PCT/EP2016/067850)
[87] (WO2017/021242)
[30] US (62/199,840) 2015-07-31

---

[21] **2,994,040**
[13] A1
[51] **Int.Cl. F17C 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING A LIQUID NATURAL GAS STREAM AT A LNG IMPORT TERMINAL**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE FLUX DE GAZ NATUREL LIQUIDE AU NIVEAU D'UN TERMINAL D'IMPORTATION DE GNL**
[72] DABKOWSKI, MARCEL FILIP, NL
[72] VAN CAMPEN, LAURENS JOSEPH ARNOLD MARIE, NL
[72] VEGA PEREZ, PABLO ANTONIO, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-01-29
[86] 2016-07-27 (PCT/EP2016/067924)
[87] (WO2017/021256)
[30] EP (15179320.5) 2015-07-31

---

[21] **2,994,041**
[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) B01J 19/06 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PARTIALLY SOLIDIFYING A METHANE COMPRISING STREAM**
[54] **PROCEDE ET APPAREIL POUR SOLIDIFIER PARTIELLEMENT UN FLUX COMPRENANT DU METHANE**
[72] FISCHER, KAI JUERGEN, NL
[72] DABKOWSKI, MARCEL FILIP, NL
[72] ETKIND, JOSHUA, NL
[72] HULEA, ANCUTA IOANA, NL
[72] VAN CAMPEN, LAURENS JOSEPH ARNOLD MARIE, NL
[72] BERGMANN, RAYMOND PETRUS HENRICUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-01-29
[86] 2016-07-28 (PCT/EP2016/068038)
[87] (WO2017/021275)
[30] EP (15179342.9) 2015-07-31

---

[21] **2,994,042**
[13] A1
[51] **Int.Cl. B60N 2/68 (2006.01) B60N 2/427 (2006.01) B64D 11/06 (2006.01)**
[25] FR
[54] **DEFORMABLE SEAT FOR A VEHICLE**
[54] **SIEGE DEFORMABLE POUR VEHICULE**
[72] SAADA, BENJAMIN, FR
[72] TEJEDOR, VINCENT, FR
[71] EXPLISEAT, FR
[85] 2018-01-29
[86] 2016-08-04 (PCT/EP2016/068627)
[87] (WO2017/021485)
[30] FR (15 57556) 2015-08-05

---

[21] **2,994,043**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01)**
[25] EN
[54] **ANTIBODY VARIANTS**
[54] **VARIANTS D'ANTICORPS**
[72] DOYLE, AUSTIN KEITH, GB
[72] HALO, LAURA MARIA, GB
[72] HARDING, EMMA R., GB
[72] LEWIS, ALAN PETER, GB
[72] UDEN, MARK, GB
[72] DAMIAN, VALERIU, US
[72] HONG, XUAN, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-01-29
[86] 2016-07-29 (PCT/EP2016/068127)
[87] (WO2017/021294)
[30] US (62/199,346) 2015-07-31

---

[21] **2,994,044**
[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/24 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **MAMMALIAN FOLLICLE-STIMULATING HORMONE COMPOSITION WITH INCREASED STABILITY**
[54] **COMPOSITION D'HORMONE DE STIMULATION FOLLICULAIRE MAMMIFERE A STABILITE ACCRUE**
[72] GOLETZ, STEFFEN, DE
[72] STOECKL, LARS, DE
[71] GLYCOTOPE GMBH, DE
[85] 2018-01-29
[86] 2016-09-16 (PCT/EP2016/071917)
[87] (WO2017/046295)
[30] LU (92831) 2015-09-17

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[21] **2,994,045**
[13] A1
[51] **Int.Cl. A23G 1/56 (2006.01) A23C 9/156 (2006.01) A23G 3/34 (2006.01) A23L 2/38 (2006.01)**
[25] EN
[54] **READY-TO-DRINK BEVERAGES WITH IMPROVED TEXTURE BY CONTROLLED PROTEIN AGGREGATION**
[54] **BOISSONS PRETES A BOIRE AYANT UNE TEXTURE AMELIOREE PAR UNE AGREGATION CONTROLEE DES PROTEINES**
[72] SHER, ALEXANDER A., US
[72] KAPCHIE, VIRGINIE, US
[72] PRABHAKAR, VEENA, US
[72] VAGHELA, MADANSINH, US
[72] ROUSSET, PHILIPPE, US
[71] NESTEC S.A., CH
[85] 2018-01-29
[86] 2016-08-03 (PCT/EP2016/068486)
[87] (WO2017/021428)
[30] US (62/202,002) 2015-08-06

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[21] **2,994,046**
[13] A1
[51] **Int.Cl. F17C 5/06 (2006.01) F17C 7/00 (2006.01) H01H 33/56 (2006.01) H02B 3/00 (2006.01) H02B 13/055 (2006.01)**
[25] EN
[54] **SERVICE DEVICE FOR USE DURING MAINTENANCE OF ELECTRICAL SWITCHGEAR SYSTEMS INSULATED USING A MULTI-COMPONENT INSULATING GAS**
[54] **APPAREIL DE SERVICE DESTINE A UNE UTILISATION PENDANT L'ENTRETIEN DE SYSTEMES D'ENGRENAGES ELECTRIQUES ISOLES AU MOYEN D'UN GAZ ISOLANT MULTICOMPOSANTE**
[72] SIEBER, PETER, DE
[72] KOHLER, ROBERT, DE
[72] GESTLE, MATHIAS, DE
[71] FIRMA DILO ARMATUREN UND ANLAGEN GMBH, DE
[85] 2017-11-30
[86] 2016-05-31 (PCT/EP2016/062309)
[87] (WO2016/193272)
[30] DE (10 2015 108 748.0) 2015-06-02

[21] **2,994,048**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) A62B 25/00 (2006.01) B64D 10/00 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **EMERGENCY EQUIPMENT FOR AN AIRCRAFT COMPRISING A RESPIRATORY MASK**
[54] **EQUIPEMENT D'URGENCE POUR UN AERONEF COMPRENANT UN MASQUE RESPIRATOIRE**
[72] POTET, OLIVIER, FR
[72] BOUCHET, BENOIT, FR
[72] BERTHET, FREDERIC, FR
[71] ZODIAC AEROTECHNICS, FR
[85] 2018-01-29
[86] 2015-09-29 (PCT/IB2015/001975)
[87] (WO2017/055888)

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[21] **2,994,051**
[13] A1
[51] **Int.Cl. G01F 23/00 (2006.01) B64D 37/00 (2006.01)**
[25] EN
[54] **FLUID GAUGING SYSTEM AND FUEL TANK EQUIPMENT**
[54] **SYSTEME DE JAUGEAGE DE FLUIDE ET EQUIPEMENT DE RESERVOIR DE CARBURANT**
[72] SOUQUES, STEPHANE, FR
[72] LAMOURETTE, DANIEL, FR
[71] ZODIAC AEROTECHNICS, FR
[85] 2018-01-29
[86] 2015-09-23 (PCT/IB2015/002607)
[87] (WO2017/051210)

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[21] **2,994,052**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 3/06 (2006.01) B01D 53/18 (2006.01)**
[25] EN
[54] **A METHOD FOR REVAMPING A CO2 REMOVAL SECTION FOR PURIFICATION OF A HYDROGEN-CONTAINING GAS**
[54] **PROCEDE POUR RESTRUCTURER UNE SECTION D'ELIMINATION DE CO2 POUR LA PURIFICATION D'UN GAZ CONTENANT DE L'HYDROGENE**
[72] PANZA, SERGIO, IT
[71] CASALE SA, CH
[85] 2018-01-29
[86] 2016-08-08 (PCT/EP2016/068863)
[87] (WO2017/029145)
[30] EP (15181571.9) 2015-08-19

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[21] **2,994,060**
[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **AN ELBOW ASSEMBLY OF A PATIENT INTERFACE, AN ANTI-ASPHYXIA VALVE FOR AN ELBOW ASSEMBLY AND A CONNECTOR**
[54] **ENSEMBLE COUDE D'UNE INTERFACE PATIENT, UNE VANNE ANTI-ASPHYXIE POUR UN ENSEMBLE COUDE ET UN CONNECTEUR**
[72] ROSE, HAMISH JOSHUA, NZ
[72] PEDERSEN, MATTHEW JAMES, NZ
[72] PRENTICE, CRAIG ROBERT, NZ
[72] SPEAR, TONY WILLIAM, NZ
[72] WALLS, BRUCE MICHAEL, NZ
[72] WILLFROTH, DANA, NZ
[72] MITTERMEIER, SIMON, NZ
[72] BORNHOLDT, MELISSA CATHERINE, NZ
[72] OLSEN, GREGORY JAMES, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-01-29
[86] 2016-07-29 (PCT/IB2016/054539)
[87] (WO2017/021836)
[30] US (62/199,513) 2015-07-31
[30] US (62/199,547) 2015-07-31
[30] US (62/209,822) 2015-08-25
[30] US (62/232,293) 2015-09-24
[30] US (62/305,284) 2016-03-08
[30] US (62/358,790) 2016-07-06
[30] US (62/360,052) 2016-07-08

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[21] **2,994,093**
[13] A1
[51] **Int.Cl. G06F 9/455 (2018.01) E21B 43/17 (2006.01) E21B 43/26 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **DOMAIN-ADAPTIVE HYDRAULIC FRACTURE SIMULATORS AND METHODS**
[54] **SIMULATEURS DE FRACTURE HYDRAULIQUE A DOMAINES ADAPTABLES ET PROCEDES**
[72] SHETTY, DINESH ANANDA, US
[72] LIN, AVI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-29
[86] 2015-09-08 (PCT/US2015/048921)
[87] (WO2017/044074)

---

[21] **2,994,097**
[13] A1
[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/88 (2006.01)**
[25] EN
[54] **LOW-POLYMER LOADING TREATMENT FLUID FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **LIQUIDE DE TRAITEMENT PEU CHARGE EN POLYMERE POUR L'UTILISATION DANS DES OPERATIONS DE FORMATION SOUTERRAINE**
[72] CHOPADE, PRASHANT, US
[72] HOLTSCLAW, JEREMY, US
[72] SCOTT, EDITH, US
[72] MONTENEGRO GALINDO, GLADYS ROCIO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-29
[86] 2015-09-16 (PCT/US2015/050455)
[87] (WO2017/048249)

---

[21] **2,994,107**
[13] A1
[51] **Int.Cl. A61M 39/20 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **TAMPER-RESISTANT CAP**
[54] **BOUCHON INVIOLABLE**
[72] YEH, JONATHAN, US
[72] CHENG, MARCO, US
[71] CAREFUSION 303, INC., US
[85] 2018-01-29
[86] 2016-07-08 (PCT/US2016/041616)
[87] (WO2017/019281)
[30] US (14/814,302) 2015-07-30

---

[21] **2,994,108**
[13] A1
[51] **Int.Cl. G08B 25/00 (2006.01) G08B 25/14 (2006.01)**
[25] EN
[54] **WIRELESS EMERGENCY ALERT NOTIFICATIONS**
[54] **NOTIFICATIONS D'ALERTE D'URGENCE SANS FIL**
[72] BAKER, GEORGE E., US
[72] EL-MANKABADY, EMAD, US
[72] IASSO, DANIEL S., US
[72] LIMLAW, ROBERT, US
[72] PERLAK, LESTER K., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2018-01-29
[86] 2016-07-13 (PCT/US2016/042018)
[87] (WO2017/023501)
[30] US (14/815,410) 2015-07-31

[21] **2,994,112**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01)**
[25] EN
[54] **STABLE DRY PROBIOTIC COMPOSITIONS FOR SPECIAL DIETARY USES**
[54] **COMPOSITIONS PROBIOTIQUES SECHES STABLES POUR DES UTILISATIONS DIETETIQUES**
[72] KESHTMAND, MAJID, US
[72] HAREL, MORDECHAI, US
[72] RICE, TRISHA, US
[71] ADVANCED BIONUTRITION CORP., US
[85] 2018-01-29
[86] 2016-07-08 (PCT/US2016/041428)
[87] (WO2017/019273)
[30] US (62/198,220) 2015-07-29

---

[21] **2,994,119**
[13] A1
[51] **Int.Cl. F23M 5/00 (2006.01) F23M 20/00 (2014.01) B01J 8/04 (2006.01)**
[25] EN
[54] **BURNER ASSEMBLY WITH LOW NOX EMISSIONS**
[54] **ENSEMBLE BRULEUR A FAIBLE EMISSION DE NOX**
[72] LI, ZHIJIANG, US
[72] BEHNAM, MOHSEN, US
[72] GAFFURI, PAUL, US
[72] MCGINTY, JORDAN, US
[71] NUVERA FUEL CELLS, LLC, US
[85] 2018-01-29
[86] 2016-07-19 (PCT/US2016/042895)
[87] (WO2017/023530)
[30] US (62/199,546) 2015-07-31

---

[21] **2,994,125**
[13] A1
[51] **Int.Cl. A61L 27/38 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING AN OSTEOGENIC BONE GRAFT**
[54] **PROCEDE DE PREPARATION D'UNE GREFFE OSSEUSE OSTEOGENIQUE**
[72] LEHMICKE, MICHAEL, US
[72] COELHO, PHILIP H., US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[71] SYNGEN, INC., US
[85] 2018-01-29
[86] 2016-07-20 (PCT/US2016/043048)
[87] (WO2017/023542)
[30] US (62/199,480) 2015-07-31

---

[21] **2,994,126**
[13] A1
[51] **Int.Cl. C08F 36/22 (2006.01) C08F 4/00 (2006.01) C09J 11/08 (2006.01) C09J 109/06 (2006.01) C09J 115/00 (2006.01) C09J 121/00 (2006.01)**
[25] EN
[54] **FARNESENE-BASED TACKIFYING RESINS AND ADHESIVE COMPOSITION CONTAINING THE SAME**
[54] **RESINES DONNANT DU COLLANT A BASE DE FARNESENE ET COMPOSITION ADHESIVE LA CONTENANT**
[72] NELSON, KEITH A., US
[72] PIERRE-JUSTIN, ANAIS, FR
[72] HANSEN, NESTOR, US
[72] GARNIER, CLAIR, FR
[71] FINA TECHNOLOGY, INC., US
[85] 2018-01-29
[86] 2016-07-21 (PCT/US2016/043315)
[87] (WO2017/023563)
[30] US (14/815,114) 2015-07-31

---

[21] **2,994,145**
[13] A1
[51] **Int.Cl. G01F 15/14 (2006.01) G01F 1/66 (2006.01) G01F 15/18 (2006.01)**
[25] EN
[54] **FLOW METER HAVING ELECTRONIC MOUNT BRACKET ASSEMBLY**
[54] **DEBITMETRE A ENSEMBLE SUPPORT DE MONTAGE ELECTRONIQUE**
[72] GREWAL, RANDEEP SINGH, US
[72] GROESCHEL, KERRY DWAYNE, US
[72] BOHR, NICK, US
[72] ENCISO, JORGE, US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2018-01-29
[86] 2016-07-27 (PCT/US2016/044293)
[87] (WO2017/019785)
[30] US (14/813,886) 2015-07-30

---

[21] **2,994,146**
[13] A1
[51] **Int.Cl. C07C 303/06 (2006.01) C07G 99/00 (2009.01) C07C 309/20 (2006.01)**
[25] EN
[54] **ALPHA-OLEFIN SULFONIC DIMER ACID PROCESS**
[54] **PROCEDES DE PREPARATION D'ACIDE DIMERE SULFONIQUE D'ALPHA-OLEFINE**
[72] DADO, GREGORY P., US
[72] SANDERS, AARON, US
[72] DONG, XUE MIN, US
[72] ROJAS, CAROLINA E., US
[71] STEPAN COMPANY, US
[85] 2018-01-29
[86] 2016-07-28 (PCT/US2016/044375)
[87] (WO2017/023664)
[30] US (62/200,969) 2015-08-04

---

[21] **2,994,147**
[13] A1
[51] **Int.Cl. C09K 8/592 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **MIXED DIMERS FROM ALPHA-OLEFIN SULFONIC ACIDS**
[54] **DIMERES MIXTES PROVENANT D'ACIDE ALPHA-OLEFINE SULFONIQUE**
[72] ROJAS, CAROLINA E., US
[72] DONG, XUE MIN, US
[72] SANDERS, AARON, US
[72] DADO, GREGORY P., US
[71] STEPAN COMPANY, US
[85] 2018-01-29
[86] 2016-07-28 (PCT/US2016/044378)
[87] (WO2017/023665)
[30] US (62/200,986) 2015-08-04

[21] **2,994,148**
[13] A1
[51] **Int.Cl. G01F 1/66 (2006.01) G01D 11/24 (2006.01) G01F 15/18 (2006.01)**
[25] EN
[54] **ULTRASONIC FLOW METER HAVING SHELL SHROUD**
[54] **DEBITMETRE ULTRASONORE AYANT UN CARENAGE D'ENVELOPPE**
[72] JOSHI, PADMANABH JAGADISH, IN
[72] GOLI, GOKULKRISHNA SEETARAMAIAH, IN
[72] GREWAL, RANDEEP SINGH, US
[72] ALLEN, CHARLES ROBERT, US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2018-01-29
[86] 2016-07-28 (PCT/US2016/044513)
[87] (WO2017/019877)
[30] IN (2888/MUM/2015) 2015-07-30

---

[21] **2,994,149**
[13] A1
[51] **Int.Cl. G01F 15/14 (2006.01) G01F 15/18 (2006.01)**
[25] EN
[54] **FLOW METER HAVING ELECTRONIC ENCLOSURE ASSEMBLY**
[54] **DEBITMETRE COMPORTANT UN ENSEMBLE ENCEINTE POUR CIRCUITS ELECTRONIQUES**
[72] JOSHI, PADMANABH JAGADISH, IN
[72] GREWAL, RANDEEP, US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2018-01-29
[86] 2016-07-28 (PCT/US2016/044524)
[87] (WO2017/019882)
[30] IN (2889/MUM/2015) 2015-07-30

---

[21] **2,994,151**
[13] A1
[51] **Int.Cl. C08G 18/50 (2006.01) C08G 18/32 (2006.01) C08G 18/76 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **GUANYLUREA ALCOHOL PHOSPHATES AND THEIR USE AS REACTANTS IN POLYURETHANE AND EPOXY RESIN APPLICATIONS**
[54] **PHOSPHATES ALCOOLIQUES DE GUANYLUREE ET LEUR UTILISATION EN TANT QUE REACTIFS DANS DU POLYURETHANE ET DES APPLICATIONS DE RESINE EPOXY**
[72] LAI, JOHN TA-YUAN, US
[72] NAGORSKI, JANEAN, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2018-01-29
[86] 2016-07-26 (PCT/US2016/044037)
[87] (WO2017/023613)
[30] US (62/199,456) 2015-07-31

---

[21] **2,994,152**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **MEDICAL WASTE FLUID COLLECTION AND DISPOSAL SYSTEM**
[54] **SYSTEME DE COLLECTE ET D'ELIMINATION DE DECHETS MEDICAUX LIQUIDES**
[72] SMITH, LARRY C., US
[72] O'BRYAN, JEFFERY J., US
[72] SCHMIDT, CRAIG B., US
[72] GUERRA, LAWRENCE E., US
[71] DORNOCH MEDICAL SYSTEMS, INC., US
[85] 2018-01-29
[86] 2016-07-29 (PCT/US2016/044657)
[87] (WO2017/023732)
[30] US (62/199,539) 2015-07-31

---

[21] **2,994,153**
[13] A1
[51] **Int.Cl. A61K 31/485 (2006.01)**
[25] EN
[54] **DEUTERATED MORPHINAN COMPOUNDS FOR USE IN TREATING AGITATION**
[54] **COMPOSES DE MORPHINANE DEUTERE POUR LE TRAITEMENT DE L'AGITATION**
[72] TUNG, ROGER D., US
[72] GRAHAM, PHILIP B., US
[71] CONCERT PHARMACEUTICALS, INC., US
[85] 2018-01-29
[86] 2016-07-29 (PCT/US2016/044885)
[87] (WO2017/020014)
[30] US (62/199,004) 2015-07-30

---

[21] **2,994,154**
[13] A1
[51] **Int.Cl. B01J 23/44 (2006.01) B01J 23/42 (2006.01) B01J 23/89 (2006.01) B01J 29/40 (2006.01) B01J 29/70 (2006.01) B01J 29/85 (2006.01) B01J 35/04 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **DIESEL OXIDATION CATALYST**
[54] **CATALYSEUR D'OXYDATION DE DIESEL**
[72] DUMBUYA, KARIFALA, DE
[72] ZABEL, CLAUDIA, DE
[72] STIEBELS, SUSANNE, DE
[72] SUNG, SHIANG, US
[71] BASF CORPORATION, US
[85] 2018-01-29
[86] 2016-07-29 (PCT/US2016/044713)
[87] (WO2017/019958)
[30] EP (15179053.2) 2015-07-30

[21] **2,994,158**
[13] A1
[51] **Int.Cl. A61L 27/38 (2006.01) A61L 27/14 (2006.01) A61L 27/18 (2006.01) A61L 27/40 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **TEXTURED ARTICLES FOR ENHANCED CELL FORMATION AND METHODS OF MAKING THEREOF**
[54] **ARTICLES TEXTURES POUR UNE FORMATION AMELIOREE DE CELLULES ET LEURS PROCEDES DE FABRICATION**
[72] MAGIN, CHELSEA MARIE, US
[72] BRENNAN, ANTHONY B., US
[71] SHARKLET TECHNOLOGIES, INC., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2018-01-29
[86] 2016-07-29 (PCT/US2016/044750)
[87] (WO2017/019970)
[30] US (62/198,897) 2015-07-30

---

[21] **2,994,162**
[13] A1
[51] **Int.Cl. A61K 31/195 (2006.01) A61K 31/357 (2006.01) A61K 31/404 (2006.01) A61K 31/421 (2006.01) A61K 31/66 (2006.01) A61K 31/7076 (2006.01)**
[25] EN
[54] **GLUTAMINE ANTAGONISTS FOR THE TREATMENT OF COGNITIVE DEFICITS**
[54] **ANTAGONISTES DE LA GLUTAMINE POUR LE TRAITEMENT DE DEFICITS COGNITIFS**
[72] SLUSHER, BARBARA, US
[72] VOLSKY, DAVID, US
[72] NEDELCOVYCH, MIKE, US
[72] HOLLINGER, KRISTEN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2018-01-29
[86] 2016-07-29 (PCT/US2016/044825)
[87] (WO2017/023791)
[30] US (62/199,317) 2015-07-31
[30] US (62/199,566) 2015-07-31

---

[21] **2,994,166**
[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ENGINEERED CRISPR-CAS9 COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE CRISPR-CAS9 MANIPULEES ET PROCEDES D'UTILISATION**
[72] DONOHOUE, PAUL DANIEL, US
[72] MAY, ANDREW PAUL, US
[71] CARIBOU BIOSCIENCES, INC., US
[85] 2018-01-29
[86] 2016-08-05 (PCT/US2016/045915)
[87] (WO2017/027423)
[30] US (62/202,715) 2015-08-07
[30] US (62/209,334) 2015-08-24

---

[21] **2,994,168**
[13] A1
[51] **Int.Cl. G01K 7/01 (2006.01) H01L 29/786 (2006.01)**
[25] EN
[54] **TRANSISTOR TEMPERATURE SENSING**
[54] **DETECTION DE LA TEMPERATURE D'UN TRANSISTOR**
[72] LIU, YANXIANG, US
[72] YANG, HAINING, US
[72] RIM, KERN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-01-29
[86] 2016-08-08 (PCT/US2016/046045)
[87] (WO2017/048405)
[30] US (14/856,004) 2015-09-16

---

[21] **2,994,169**
[13] A1
[51] **Int.Cl. A61K 31/485 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **DEUTERATED MORPHINAN COMPOUNDS FOR USE IN TREATING AGITATION**
[54] **COMPOSES DE MORPHINANE DEUTERE UTILISES POUR LE TRAITEMENT DE L'AGITATION**
[72] TUNG, ROGER D., US
[71] CONCERT PHARMACEUTICALS, INC., US
[85] 2018-01-29
[86] 2016-07-29 (PCT/US2016/044841)
[87] (WO2017/020002)
[30] US (62/198,894) 2015-07-30

---

[21] **2,994,172**
[13] A1
[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **MEDICAL MONITORING ANALYSIS AND REPLAY INCLUDING INDICIA RESPONSIVE TO LIGHT ATTENUATED BY BODY TISSUE**
[54] **ANALYSE ET REPRODUCTION DE SURVEILLANCE MEDICALE COMPRENANT DES REPERES REAGISSANT A LA LUMIERE ATTENUEE PAR UN TISSU CORPOREL**
[72] HARSULE, SWAPNIL SUDHIR, US
[72] AL-ALI, AMMAR, US
[72] INDORF, KEITH WARD, US
[71] MASIMO CORPORATION, US
[85] 2018-01-29
[86] 2016-08-10 (PCT/US2016/046400)
[87] (WO2017/027621)
[30] US (62/203,792) 2015-08-11

---

[21] **2,994,176**
[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01) H04W 72/00 (2009.01) H04W 74/08 (2009.01) H04L 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR ENHANCED OFDMA RANDOM ACCESS**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR UN ACCES ALEATOIRE PAR ACCES MULTIPLE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDMA) AMELIORE**
[72] ZHOU, YAN, US
[72] ASTERJADHI, ALFRED, US
[72] MERLIN, SIMONE, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-01-29
[86] 2016-08-16 (PCT/US2016/047201)
[87] (WO2017/048438)
[30] US (62/219,334) 2015-09-16
[30] US (62/242,083) 2015-10-15
[30] US (15/182,536) 2016-06-14

[21] **2,994,179**
[13] A1
[51] **Int.Cl. H04W 72/08 (2009.01) H04W 16/14 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REUSE OF WIRELESS COMMUNICATION RESOURCES IN NEIGHBORING COMMUNICATION NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR LA REUTILISATION DE RESSOURCES DE COMMUNICATION SANS FIL DANS DES RESEAUX DE COMMUNICATION VOISINS**
[72] BARRIAC, GWENDOLYN DENISE, US
[72] CHERIAN, GEORGE, US
[72] MERLIN, SIMONE, US
[72] ASTERJADHI, ALFRED, US
[72] ZHOU, YAN, US
[72] DING, GANG, US
[72] TIAN, QINGJIANG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-01-29
[86] 2016-08-18 (PCT/US2016/047594)
[87] (WO2017/048453)
[30] US (62/218,992) 2015-09-15
[30] US (62/253,617) 2015-11-10
[30] US (15/239,656) 2016-08-17

---

[21] **2,994,180**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS FOR THE MODULATION OF LGALS3BP TO TREAT SYSTEMIC LUPUS ERYTHEMATOSUS**
[54] **PROCEDES POUR LA MODULATION DE LGALS3BP POUR TRAITER LE LUPUS ERYTHEMATEUX SYSTEMIQUE**
[72] DEMARTINO, JULIE, US
[72] DERRY, JONATHAN, US
[72] VLACH, JAROMIR, US
[72] LEWIS, NURUDDEEN, US
[72] GENEST, MELINDA, US
[72] OKITSU, SHINJI, US
[71] MERCK PATENT GMBH, DE
[85] 2018-01-29
[86] 2016-08-30 (PCT/US2016/049378)
[87] (WO2017/040464)
[30] US (62/212,163) 2015-08-31

---

[21] **2,994,185**
[13] A1
[51] **Int.Cl. F04D 15/00 (2006.01) F04D 27/02 (2006.01) F17D 1/14 (2006.01)**
[25] EN
[54] **BATCH CHANGE CONTROL FOR VARIABLE SPEED DRIVEN CENTRIFUGAL PUMPS AND PUMP SYSTEMS**
[54] **COMMANDE DE CHANGEMENT DE LOT POUR POMPES CENTRIFUGES A VITESSE VARIABLE ET SYSTEMES DE POMPAGE**
[72] FOWLER, EDWARD A., US
[72] KLOPPNER, GERD, DE
[72] RHOTE-VANEY, RAPHAEL, US
[72] SEENIRAJ, GANESH KUMAR, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-01-29
[86] 2016-07-25 (PCT/US2016/043845)
[87] (WO2017/023596)
[30] US (14/814,978) 2015-07-31

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[21] **2,994,191**
[13] A1
[51] **Int.Cl. F16L 55/46 (2006.01)**
[25] EN
[54] **DEVICE FOR LOADING AND UNLOADING A PIG INTO OR OUT OF A PIPELINE**
[54] **DISPOSITIF D'INTRODUCTION D'UN RACLEUR DANS UNE CANALISATION ET D'EXTRACTION D'UN RACLEUR D'UNE CANALISATION**
[72] FILIPPOVITCH, SERGEI, CA
[71] ROSEN SWISS AG, CH
[85] 2018-01-30
[86] 2016-07-14 (PCT/EP2016/001227)
[87] (WO2017/020991)
[30] DE (10 2015 112 658.3) 2015-07-31

---

[21] **2,994,194**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CARRYING OUT AN IDENTITY CHECK**
[54] **PROCEDE ET DISPOSITIF POUR EFFECTUER UN CONTROLE DE PERSONNES**
[72] SCHMALZ, FRANK, DE
[71] VERIDOS GMBH, DE
[85] 2018-01-30
[86] 2016-08-10 (PCT/EP2016/001372)
[87] (WO2017/025193)
[30] DE (10 2015 010 184.6) 2015-08-11

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[21] **2,994,196**
[13] A1
[51] **Int.Cl. B60J 5/04 (2006.01)**
[25] EN
[54] **VEHICLE DOOR, IN PARTICULAR A SLIDING VEHICLE DOOR**
[54] **PORTE DE VEHICULE, NOTAMMENT PORTE DE VEHICULE**
[72] TROSTER, GUNTHER, DE
[71] GUNTHER TROSTER E.K., DE
[85] 2018-01-30
[86] 2016-07-21 (PCT/EP2016/067392)
[87] (WO2017/021161)
[30] DE (20 2015 104 120.9) 2015-08-06

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[21] **2,994,197**
[13] A1
[51] **Int.Cl. C04B 41/72 (2006.01)**
[25] FR
[54] **PROCESS FOR CREATING PATTERNS ON THE SURFACE OF A COMPOSITION BASED ON HYDRAULIC BINDER BY PRINTING**
[54] **PROCEDE DE CREATION DE MOTIFS SUR LA SURFACE D'UNE COMPOSITION A BASE DE LIANT HYDRAULIQUE PAR IMPRESSION**
[72] AGNELY, MATHIAS, FR
[72] MATEO, SANDRINE, FR
[72] PELLERIN, BRUNO, FR
[71] CHRYSO, FR
[85] 2018-01-30
[86] 2016-07-28 (PCT/EP2016/068075)
[87] (WO2017/021284)
[30] FR (15 57420) 2015-07-31

[21] **2,994,198**
[13] A1
[51] **Int.Cl. H02K 21/24 (2006.01) H02K 3/26 (2006.01)**
[25] EN
[54] **APPLIANCE FOR FOAMING BEVERAGE OR FOODSTUFF**
[54] **APPAREIL POUR FAIRE MOUSSER UNE BOISSON OU UN ALIMENT**
[72] TRAN, LUAN VU, CH
[72] TU, XUAN MAI, CH
[72] PERRIN, ALEXA, CH
[71] NESTEC S.A., CH
[85] 2018-01-30
[86] 2016-07-08 (PCT/EP2016/066274)
[87] (WO2017/032501)
[30] EP (15182343.2) 2015-08-25

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[21] **2,994,200**
[13] A1
[51] **Int.Cl. G01T 1/24 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS TO DETECT SEMICONDUCTOR DEVICE DEGRADATION DUE TO RADIATION EXPOSURE**
[54] **APPAREIL ET PROCEDES DE DETECTION DE DEGRADATION DE DISPOSITIF A SEMI-CONDUCTEURS PAR EXPOSITION A DES RAYONNEMENTS**
[72] WITTKOP, ADAM JOSEPH, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-01-29
[86] 2016-08-03 (PCT/US2016/045225)
[87] (WO2017/023960)
[30] US (14/816,298) 2015-08-03

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[21] **2,994,201**
[13] A1
[51] **Int.Cl. G21B 1/19 (2006.01) H05H 3/06 (2006.01) H05H 6/00 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR PRODUCING NEUTRONS**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE NEUTRONS**
[72] MOFAKHAMI, ARASH, FR
[71] NEUSCA SAS, FR
[85] 2018-01-30
[86] 2016-07-22 (PCT/EP2016/067510)
[87] (WO2017/021174)
[30] FR (1557374) 2015-07-31

---

[21] **2,994,202**
[13] A1
[51] **Int.Cl. F26B 15/12 (2006.01) F26B 15/14 (2006.01) F26B 15/16 (2006.01) F26B 21/00 (2006.01)**
[25] EN
[54] **TREATMENT INSTALLATION AND METHOD FOR TREATING WORKPIECES**
[54] **INSTALLATION DE TRAITEMENT ET PROCEDE POUR TRAITER DES PIECES**
[72] IGLAUER, OLIVER, DE
[72] WOLL, KEVIN, DE
[72] WIELAND, DIETMAR, DE
[72] WICKENHAUSER, JOACHIM, DE
[71] DURR SYSTEMS AG, DE
[85] 2018-01-30
[86] 2016-07-29 (PCT/EP2016/068214)
[87] (WO2017/021326)
[30] DE (10 2015 214 711.8) 2015-07-31

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[21] **2,994,204**
[13] A1
[51] **Int.Cl. H01F 27/40 (2006.01) H01F 27/24 (2006.01) H01F 27/28 (2006.01) H01G 4/005 (2006.01) H01G 4/008 (2006.01) H01G 4/228 (2006.01) H01G 4/30 (2006.01)**
[25] EN
[54] **INTEGRATED CAPACITOR AND INDUCTOR WITH LOW PARASITIC INDUCTANCE**
[54] **CONDENSATEUR ET BOBINE D'INDUCTANCE INTEGRES A FAIBLE INDUCTANCE PARASITE**
[72] LUDOIS, DANIEL COLIN, US
[72] SCHROEDERMEIER, ANDY LEE, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2018-01-29
[86] 2016-08-04 (PCT/US2016/045496)
[87] (WO2017/030798)
[30] US (14/826,572) 2015-08-14

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[21] **2,994,205**
[13] A1
[51] **Int.Cl. A01N 37/40 (2006.01) A01N 39/04 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **USE OF HERBICIDAL COMPOSITIONS FOR CONTROLLING UNWANTED VEGETATION**
[54] **UTILISATION DE COMPOSITIONS HERBICIDES POUR LUTTER CONTRE DE LA VEGETATION INDESIRABLE**
[72] ARMEL, GREGORY, US
[72] LIEBL, REX A., US
[72] BOWE, STEVEN JOSEPH, US
[72] OLIVER, GLENN W., US
[71] BASF SE, DE
[85] 2018-01-30
[86] 2016-08-03 (PCT/EP2016/068492)
[87] (WO2017/021430)
[30] US (62/201,626) 2015-08-06

---

[21] **2,994,206**
[13] A1
[51] **Int.Cl. G02B 6/42 (2006.01)**
[25] EN
[54] **OPTICAL COMPONENT WITH BEAM DEFECTION ELEMENT, METHOD FOR PRODUCTION THEREOF, AND BEAM DEFLECTION ELEMENTS SUITABLE FOR THE COMPONENT**
[54] **COMPOSANT OPTIQUE A ELEMENT DE DEVIATION DE RAYONNEMENT, PROCEDE DE FABRICATION DE CELUI-CI ET ELEMENT DE DEVIATION DE RAYONNEMENT ADAPTE AU COMPOSANT**
[72] HOUBERTZ, RUTH, DE
[72] ESSLINGER, MORITZ, DE
[71] MULTIPHOTON OPTICS GMBH, DE
[85] 2018-01-30
[86] 2016-08-08 (PCT/EP2016/068897)
[87] (WO2017/025515)
[30] EP (15180448.1) 2015-08-10

[21] **2,994,210**
[13] A1
[51] **Int.Cl. C01F 11/18 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **PRECIPITATED CALCIUM CARBONATE WITH IMPROVED RESISTANCE TO STRUCTURAL BREAKDOWN**
[54] **CARBONATE DE CALCIUM PRECIPITE PRESENTANT UNE RESISTANCE AMELIOREE A LA DECOMPOSITION STRUCTURALE**
[72] SPIEGEL, HOLGER, AT
[72] KREUGER, WOLFGANG, AT
[72] SKRZYPCZAK, MATHIEU, US
[72] WENK, JOE, US
[72] DALTON, MICHAEL, CH
[72] SALONEN, AARO, CH
[72] MAURER, MARC, FR
[72] GANE, PATRICK A.C., CH
[72] RIDGWAY, CATHERINE JEAN, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-01-30
[86] 2016-07-29 (PCT/EP2016/068188)
[87] (WO2017/021313)
[30] EP (15179382.5) 2015-07-31
[30] US (62/274,873) 2016-01-05

---

[21] **2,994,211**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **TRIFOCAL INTRAOCULAR LENS WITH EXTENDED RANGE OF VISION AND CORRECTION OF LONGITUDINAL CHROMATIC ABERRATION**
[54] **LENTILLE INTRAOCULAIRE TRIFOCALE A PORTEE DE VISION ETENDUE ET CORRECTION DE L'ABERRATION CHROMATIQUE LONGITUDINALE**
[72] PAGNOULLE, CHRISTOPHE ROBERT MARIE ARMAND, BE
[72] REDZOVIC, SUAD, BE
[72] VOISIN, LAURE, FR
[72] GATINEL, DAMIEN, FR
[72] LOICQ, JEROME JEAN D., BE
[71] PHYSIOL SA, BE
[85] 2018-01-30
[86] 2016-08-12 (PCT/EP2016/069230)
[87] (WO2017/025624)
[30] EP (15180752.6) 2015-08-12

---

[21] **2,994,213**
[13] A1
[51] **Int.Cl. B65D 75/58 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **NOVEL DEVICE**
[54] **DISPOSITIF INNOVANT**
[72] BUNCE, MARTIN, GB
[72] CHEN, DAN, GB
[72] SILVESTRI, GABRIELLA, CH
[71] NOVARTIS CONSUMER HEALTH S.A., CH
[85] 2018-01-30
[86] 2016-08-25 (PCT/EP2016/070025)
[87] (WO2017/036894)
[30] GB (1515354.7) 2015-08-28

---

[21] **2,994,371**
[13] A1
[51] **Int.Cl. B81C 1/00 (2006.01) B82Y 5/00 (2011.01) A61K 9/14 (2006.01) A61K 49/00 (2006.01) A61K 51/12 (2006.01)**
[25] EN
[54] **METHOD OF ASSEMBLING NANOSCALE AND MICROSCALE OBJECTS INTO THREE-DIMENSIONAL STRUCTURES**
[54] **PROCEDE D'ASSEMBLAGE D'OBJETS A L'ECHELLE NANOMETRIQUE ET MICROMETRIQUE SOUS FORME DE STRUCTURES TRIDIMENSIONNELLES**
[72] MIRAGLIA, PETER, US
[72] DINEEN, ANDREW, US
[72] CARTER, DAVID J., US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2017-12-07
[86] 2016-06-08 (PCT/US2016/036456)
[87] (WO2016/200947)
[30] US (62/172,315) 2015-06-08

---

[21] **2,994,374**
[13] A1
[51] **Int.Cl. A61K 6/033 (2006.01)**
[25] EN
[54] **TOOTH-SURFACE-MEMBRANE-FORMING POWDER CONTAINING SINTERED APATITE**
[54] **POUDRE FORMANT UNE MEMBRANE SUR LA SURFACE DENTAIRE CONTENANT DE L'APATITE FRITTEE**
[72] ISHIZAKI, TSUTOMU, JP
[72] ARAKAWA, TADAYOSHI, JP
[72] OTA, KAZUSHI, JP
[71] KABUSHIKI KAISHA SANGI, JP
[85] 2018-01-31
[86] 2016-07-12 (PCT/JP2016/003297)
[87] (WO2017/010089)
[30] JP (2015-139692) 2015-07-13

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[21] **2,994,385**
[13] A1
[51] **Int.Cl. A61K 6/033 (2006.01)**
[25] EN
[54] **TOOTH-SURFACE-MEMBRANE-FORMING POWDER CONTAINING SINTERED APATITE**
[54] **POUDRE FORMANT UNE MEMBRANE SUR LA SURFACE DENTAIRE CONTENANT DE L'APATITE FRITTEE**
[72] ISHIZAKI, TSUTOMU, JP
[72] ARAKAWA, TADAYOSHI, JP
[72] OTA, KAZUSHI, JP
[71] KABUSHIKI KAISHA SANGI, JP
[85] 2018-01-31
[86] 2016-07-12 (PCT/JP2016/003298)
[87] (WO2017/010090)
[30] JP (2015-139692) 2015-07-13

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[21] **2,994,510**
[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] KANEKO, YOUHEI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-01
[86] 2015-08-03 (PCT/JP2015/071951)
[87] (WO2017/022053)

[21] **2,994,515**
[13] A1
[51] **Int.Cl. F24F 7/08 (2006.01)**
[25] EN
[54] **HEAT EXCHANGING VENTILATION DEVICE**
[54] **DISPOSITIF DE VENTILATION A ECHANGE DE CHALEUR**
[72] IIO, KOUJI, JP
[72] ISHIGURO, KENICHI, JP
[72] HASHIMOTO, TOSHIHIKO, JP
[72] SUZUKI, YASUHIRO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2018-02-01
[86] 2016-09-16 (PCT/JP2016/004232)
[87] (WO2017/051524)
[30] JP (2015-188477) 2015-09-25

---

[21] **2,994,527**
[13] A1
[51] **Int.Cl. H01M 10/0567 (2010.01) H01M 4/131 (2010.01) H01M 4/1391 (2010.01) H01M 4/505 (2010.01) H01M 4/525 (2010.01) H01M 10/052 (2010.01) H01M 10/0568 (2010.01)**
[25] EN
[54] **NON-AQUEOUS ELECTROLYTE SOLUTION USED FOR LITHIUM SECONDARY BATTERY, CATHODE USED FOR LITHIUM SECONDARY BATTERY AND METHOD FOR PRODUCING THE SAME, AND LITHIUM SECONDARY BATTERY**
[54] **SOLUTION ELECTROLYTIQUE NON AQUEUSE POUR BATTERIES SECONDAIRES AU LITHIUM, ELECTRODE POSITIVE POUR BATTERIES SECONDAIRES AU LITHIUM, PROCEDE DE PRODUCTION D'ELECTRODE POSITIVE POUR BATTERIES SECONDAIRES AU LITHIUM, ET BATTERIE SECONDAIRE AU LITHIUM**
[72] HARUNA, HIROSHI, JP
[72] TAKAHASHI, SHIN, JP
[72] TAKAMATSU, DAIKO, JP
[72] HIRANO, TATSUMI, JP
[71] HITACHI HIGH-TECHNOLOGIES CORPORATION, JP
[85] 2018-02-01
[86] 2016-07-28 (PCT/JP2016/072146)
[87] (WO2017/022615)
[30] JP (2015-154414) 2015-08-04
[30] JP (2015-154415) 2015-08-04

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[21] **2,994,566**
[13] A1
[51] **Int.Cl. C22B 1/11 (2006.01) C22B 3/04 (2006.01) C22B 3/22 (2006.01) C22B 3/44 (2006.01) C22B 11/00 (2006.01) C22B 30/04 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING ARSENIC CONTENT IN ARSENIC-BEARING GOLD MATERIAL**
[54] **PROCEDE DE REDUCTION DE LA TENEUR EN ARSENIC DANS UN MATERIAU EN OR CONTENANT DE L'ARSENIC**
[72] BEREZOWSKY, ROMAN, CA
[72] SKAYMAN, PAUL, CA
[72] JI, JINXING, CA
[71] ELDORADO GOLD CORPORATION, CA
[85] 2018-02-02
[86] 2016-04-28 (PCT/CA2016/000128)
[87] (WO2017/185158)

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[21] **2,994,567**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 47/008 (2012.01) F04C 2/107 (2006.01)**
[25] EN
[54] **PUMP ISOLATION APPARATUS AND METHOD FOR USE IN TUBING STRING PRESSURE TESTING**
[54] **APPAREIL ET PROCEDE D'ISOLEMENT DE POMPE A UTILISER EN ESSAI DE PRESSION DE COLONNE DE PRODUCTION**
[72] BARBOUR, STEPHEN GERARD, CA
[71] HUSKY OIL OPERATIONS LIMITED, CA
[85] 2018-02-02
[86] 2015-08-05 (PCT/CA2015/000451)
[87] (WO2017/020109)

---

[21] **2,994,570**
[13] A1
[51] **Int.Cl. G07F 19/00 (2006.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE-BASED DISCOUNT METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE RABAIS BASE SUR UN CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-07-21 (PCT/CN2015/084616)
[87] (WO2017/012035)

---

[21] **2,994,571**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE PAYMENT METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE PAIEMENT DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-07-21 (PCT/CN2015/084619)
[87] (WO2017/012037)

---

[21] **2,994,572**
[13] A1
[51] **Int.Cl. G06Q 20/22 (2012.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE PAYMENT INFORMATION TRANSMISSION METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRANSMISSION D'INFORMATIONS DE PAIEMENT PAR CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-07-21 (PCT/CN2015/084630)
[87] (WO2017/012040)

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[21] **2,994,573**
[13] A1
[51] **Int.Cl. G06Q 20/24 (2012.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE PAYMENT INFORMATION TRANSMISSION METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRANSMISSION D'INFORMATIONS DE PAIEMENT PAR CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-07-21 (PCT/CN2015/084633)
[87] (WO2017/012043)

[21] **2,994,574**
[13] A1
[51] **Int.Cl. G06Q 20/22 (2012.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE FULFILLMENT INFORMATION TRANSMISSION METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRANSMISSION D'INFORMATIONS D'EXECUTION DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-07-21 (PCT/CN2015/084636)
[87] (WO2017/012044)

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[21] **2,994,575**
[13] A1
[51] **Int.Cl. G06Q 20/12 (2012.01)**
[25] EN
[54] **METHOD, DEVICE, AND SYSTEM FOR RECEIVING CERTIFICATE**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE RECEPTION DE CERTIFICAT**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-09-21 (PCT/CN2015/084640)
[87] (WO2017/012048)
[30] CN (201510428544.2) 2015-07-21

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[21] **2,994,576**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE PAYMENT METHOD, SYSTEM AND DEVICE**
[54] **PROCEDE, SYSTEME ET DISPOSITIF DE PAIEMENT PAR CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-07-21 (PCT/CN2015/084651)
[87] (WO2017/012055)

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[21] **2,994,577**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REJECTING RECEIPT OF CERTIFICATE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE REJETER LA RECEPTION D'UN CERTIFICAT**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-02
[86] 2015-07-21 (PCT/CN2015/084653)
[87] (WO2017/012056)

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[21] **2,994,578**
[13] A1
[51] **Int.Cl. C22B 3/44 (2006.01) C01G 5/00 (2006.01) C22B 3/04 (2006.01) C22B 3/22 (2006.01)**
[25] EN
[54] **HYDROMETALLURGICAL METHOD FOR SILVER RECOVERY**
[54] **PROCEDE HYDROMETALLURGIQUE POUR LA RECUPERATION DE L'ARGENT**
[72] BEREZOWSKY, ROMAN, CA
[72] SKAYMAN, PAUL, CA
[72] JI, JINXING, CA
[71] ELDORADO GOLD CORPORATION, CA
[85] 2018-02-02
[86] 2016-04-28 (PCT/CA2016/000129)
[87] (WO2017/185159)

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[21] **2,994,579**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61P 35/00 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS BASED ON SINGLE-DOMAIN ANTIBODIES AND METHODS OF USE THEREOF**
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES BASES SUR DES ANTICORPS A DOMAINE UNIQUE ET LEURS METHODES D'UTILISATION**
[72] FAN, XIAOHU, CA
[72] CHOU, CHUAN-CHU, US
[72] ZHUANG, QIUCHUAN, CN
[72] WANG, PINGYAN, CN
[72] WANG, LIN, CN
[72] YANG, LEI, CN
[72] HAO, JIAYING, CN
[71] LEGEND BIOTECH IRELAND LIMITED, IE
[85] 2018-02-02
[86] 2016-08-10 (PCT/CN2016/094408)
[87] (WO2017/025038)
[30] CN (201510490002.8) 2015-08-11
[30] CN (201510733585.2) 2015-11-02

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[21] **2,994,580**
[13] A1
[51] **Int.Cl. A47J 31/56 (2006.01) A23C 11/10 (2006.01) A47J 31/00 (2006.01) A47J 43/04 (2006.01)**
[25] EN
[54] **ANTI-OVERFLOW CONTROL METHOD FOR CONTROLLING A FOOD PROCESSOR AND THE FOOD PROCESSOR THEREOF**
[54] **METHODE DE CONTROLE ANTIDEBORDEMENT SERVANT A CONTROLER UN ROBOT CULINAIRE ET ROBOT CULINAIRE ASSOCIE**
[72] YU, SANYING, CN
[72] YIN, KUNREN, CN
[72] TANG, YAN, CN
[71] GUANGDONG MIDEA CONSUMER ELECTRICS MANUFACTURING CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2018-02-02
[86] 2017-07-03 (PCT/CN2017/091497)
[87] (WO2018/019090)
[30] CN (201620806260.2) 2016-07-27
[30] CN (201610605755.3) 2016-07-27

[21] **2,994,581**
[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01) A47J 43/07 (2006.01) G05D 23/30 (2006.01)**
[25] EN
[54] **HEATING CONTROL METHOD FOR CONTROLLING FOOD PROCESSOR AND A HEATING CONTROL DEVICE THEREOF**
[54] **METHODE DE CONTROLE DE CHAUFFAGE DESTINEE A CONTROLER UN ROBOT CULINAIRE ET DISPOSITIF DE CONTROLE DE CHAUFFAGE ASSOCIE**
[72] YIN, KUNREN, CN
[72] QIAO, WEIJUN, CN
[72] XU, SHUANGJIANG, CN
[72] CHEN, BIN, CN
[71] GUANGDONG MIDEA CONSUMER ELECTRICS MANUFACTURING CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2018-02-02
[86] 2017-07-03 (PCT/CN2017/091502)
[87] (WO2018/006778)
[30] CN (201610532607.3) 2016-07-07

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[21] **2,994,587**
[13] A1
[51] **Int.Cl. E01B 27/00 (2006.01) B60K 6/20 (2007.10) B60W 20/40 (2016.01) B61C 3/02 (2006.01) B61C 9/08 (2006.01) B61C 9/14 (2006.01) E01B 29/00 (2006.01) E01B 31/00 (2006.01) E01B 33/00 (2006.01)**
[25] EN
[54] **TRACK MAINTENANCE MACHINE AND METHOD FOR OPERATION OF AN ENERGY SUPPLY SYSTEM OF A TRACK MAINTENANCE MACHINE**
[54] **MACHINE D'ENTRETIEN DE RAIL ET METHODE D'EXPLOITATION D'UN SYSTEME D'ALIMENTATION ENERGETIQUE D'UNE MACHINE D'ENTRETIEN DE RAIL**
[72] GREINDL, ALEXANDER, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2018-02-02
[86] 2016-08-26 (PCT/EP2016/001444)
[87] (WO2017/050414)
[30] AT (A 619/2015) 2015-09-23

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[21] **2,994,618**
[13] A1
[51] **Int.Cl. B65B 3/02 (2006.01) B65D 5/00 (2006.01) B65D 77/06 (2006.01)**
[25] EN
[54] **METHOD, MACHINE AND DEVICES FOR PRODUCING FLEXIBLE 3D PACKAGING, BY MEANS OF FOLDING A FLAP ON ITSELF**
[54] **PROCEDE, MACHINE ET DISPOSITIFS DE FABRICATION DE CONTENANTS SOUPLES TRIDIMENSIONNELS, PAR REPLIAGE DU RABAT SUR LUI-MEME**
[72] GUILLERMO LOPEZ-AROSTEGUI SAENZ, ES
[71] GUILLERMO LOPEZ-AROSTEGUI SAENZ, ES
[85] 2018-02-02
[86] 2016-08-04 (PCT/ES2016/000085)
[87] (WO2017/021570)
[30] ES (P201531164) 2015-08-04

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[21] **2,994,624**
[13] A1
[51] **Int.Cl. H02K 33/16 (2006.01)**
[25] EN
[54] **ACTUATOR AND ELECTRIC BEAUTY DEVICE**
[54] **ACTIONNEUR ET DISPOSITIF DE SOINS DE BEAUTE ELECTRIQUE**
[72] TAKAHASHI, YUKI, US
[72] KAMIJO, MASAMI, US
[72] SAKAGUCHI, KAZUTAKA, US
[72] KITAMURA, YASUTAKA, US
[72] KAGAMI, MASAHARU, US
[72] INAMOTO, SHIGENORI, US
[71] MITSUMI ELECTRIC CO., LTD., JP
[85] 2018-02-02
[86] 2016-08-02 (PCT/JP2016/003562)
[87] (WO2017/022243)
[30] JP (2015-154528) 2015-08-04

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[21] **2,994,628**
[13] A1
[51] **Int.Cl. B60P 1/04 (2006.01) B60P 1/28 (2006.01)**
[25] EN
[54] **DUMP TRUCK DUMP BODY, AND DUMP TRUCK**
[54] **BENNE BASCULANTE DE CAMION A BENNE BASCULANTE, ET CAMION A BENNE BASCULANTE**
[72] YABE, YOUSUKE, JP
[71] KOMATSU LTD., JP
[85] 2018-02-02
[86] 2016-03-16 (PCT/JP2016/058412)
[87] (WO2017/158778)

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[21] **2,994,629**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **NOVEL ANTI-HUMAN GPVI ANTIBODIES AND USES THEREOF**
[54] **NOUVEAUX ANTICORPS ANTI-GPVI HUMAIN ET UTILISATIONS ASSOCIEES**
[72] BILLIALD, PHILIPPE, FR
[72] JANDROT-PERRUS, MARTINE, FR
[71] ACTICOR BIOTECH, FR
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[71] UNIVERSITE PARIS-XIII, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (EPST), FR
[71] UNIVERSITE PARIS-SUD 11, FR
[85] 2018-02-02
[86] 2016-08-05 (PCT/EP2016/068778)
[87] (WO2017/021539)
[30] EP (15179908.7) 2015-08-05

[21] **2,994,633**
[13] A1
[51] **Int.Cl. C23C 24/04 (2006.01) F01L 3/02 (2006.01) F01L 3/04 (2006.01) F16C 33/12 (2006.01)**
[25] EN
[54] **SLIDING MEMBER AND MANUFACTURING METHOD THEREFOR**
[54] **ELEMENT DE GLISSEMENT ET PROCEDE DE FABRICATION POUR CE DERNIER**
[72] IZAWA, YOSHINORI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-02
[86] 2016-07-21 (PCT/JP2016/071431)
[87] (WO2017/022505)
[30] JP (2015-156149) 2015-08-06

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[21] **2,994,634**
[13] A1
[51] **Int.Cl. C09D 5/24 (2006.01) A61B 18/14 (2006.01) A61N 1/04 (2006.01) H01M 4/00 (2006.01)**
[25] EN
[54] **CONDUCTIVE POLYMER COATINGS FOR THREE DIMENSIONAL SUBSTRATES**
[54] **REVETEMENTS POLYMERES CONDUCTEURS POUR SUBSTRATS TRIDIMENSIONNELS**
[72] HENDRICKS, JEFFREY, US
[72] MALLIRES, KYLE, US
[72] RICHARDSON-BURNS, SARAH, US
[71] BIOTECTIX, LLC, US
[85] 2018-02-02
[86] 2015-11-18 (PCT/IB2015/058937)
[87] (WO2016/079696)
[30] US (62/081,986) 2014-11-19

---

[21] **2,994,637**
[13] A1
[51] **Int.Cl. A63F 1/06 (2006.01) G06Q 50/10 (2012.01) A63F 11/00 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM FOR TABLE GAMES, SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANAGEMENT SYSTEM FOR SUBSTITUTE CURRENCY FOR GAMING**
[54] **SYSTEME DE GESTION POUR JEUX DE TABLE, MONNAIE DE SUBSTITUTION POUR JEU, DISPOSITIF D'INSPECTION, ET SYSTEME DE GESTION DE MONNAIE DE SUBSTITUTION POUR JEU**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[85] 2018-02-02
[86] 2016-07-29 (PCT/JP2016/072360)
[87] (WO2017/022673)
[30] JP (2015-163213) 2015-08-03
[30] JP (2015-206735) 2015-10-01
[30] JP (2015-240631) 2015-11-19
[30] JP (2016-030443) 2016-02-01

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[21] **2,994,645**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01)**
[25] EN
[54] **STEP DETECTION DEVICE AND STEP DETECTION METHOD**
[54] **DISPOSITIF ET PROCEDE DE DETECTION DE DENIVELE**
[72] NANRI, TAKUYA, JP
[72] KHIAT, ABDELAZIZ, JP
[72] UEDA, HIROTOSHI, JP
[72] FANG, FANG, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-02
[86] 2015-08-04 (PCT/JP2015/072084)
[87] (WO2017/022079)

---

[21] **2,994,648**
[13] A1
[51] **Int.Cl. A61K 31/122 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **AMELIORATING AGENT FOR DETRUSOR HYPERACTIVITY WITH IMPAIRED CONTRACTILITY**
[54] **AGENT VISANT A REMEDIER A L'HYPERACTIVITE DU DETRUSOR AVEC ALTERATION DE LA CONTRACTILITE**
[72] HAYASHI, YUKIO, JP
[72] NOMA, TAKAHISA, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2018-02-02
[86] 2016-08-03 (PCT/JP2016/072753)
[87] (WO2017/022787)
[30] US (14/817318) 2015-08-04

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[21] **2,994,649**
[13] A1
[51] **Int.Cl. G02B 6/122 (2006.01) G02B 6/12 (2006.01) G02B 6/26 (2006.01) G02B 6/30 (2006.01)**
[25] EN
[54] **RESIN OPTICAL WAVEGUIDE**
[54] **GUIDE D'ONDES OPTIQUES A RESINE**
[72] OHARA, SEIKI, JP
[72] TAKENOBU, SHOTARO, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[85] 2018-02-02
[86] 2016-08-01 (PCT/JP2016/072523)
[87] (WO2017/022717)
[30] JP (2015-154192) 2015-08-04

---

[21] **2,994,652**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01)**
[25] EN
[54] **STEP DETECTION DEVICE AND STEP DETECTION METHOD**
[54] **DISPOSITIF DE DETECTION DE MARCHE ET PROCEDE DE DETECTION DE MARCHE**
[72] SANO, YASUHITO, JP
[72] YANAGI, TAKURA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-02
[86] 2015-08-04 (PCT/JP2015/072085)
[87] (WO2017/022080)

[21] **2,994,654**
[13] A1
[51] **Int.Cl. D03D 1/00 (2006.01) D02G 3/38 (2006.01) D03D 15/00 (2006.01) D03D 23/00 (2006.01)**
[25] EN
[54] **FIBER STRUCTURE AND FIBER REINFORCED COMPOSITE MATERIAL**
[54] **STRUCTURE DE FIBRE ET MATERIAU COMPOSITE RENFORCE DE FIBRES**
[72] KAMIYA, RYUTA, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2018-02-02
[86] 2016-08-16 (PCT/JP2016/073865)
[87] (WO2017/038445)
[30] JP (2015-169580) 2015-08-28

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[21] **2,994,655**
[13] A1
[51] **Int.Cl. H02K 33/16 (2006.01) B06B 1/04 (2006.01) B26B 19/28 (2006.01)**
[25] EN
[54] **ACTUATOR AND ELECTRIC BEAUTY DEVICE**
[54] **ACTIONNEUR ET DISPOSITIF ELECTRIQUE POUR SOINS DE BEAUTE**
[72] TAKAHASHI, YUKI, US
[72] KAMIJO, MASAMI, US
[72] SAKAGUCHI, KAZUTAKA, US
[72] KITAMURA, YASUTAKA, US
[72] KAGAMI, MASAHARU, US
[72] INAMOTO, SHIGENORI, US
[71] MITSUMI ELECTRIC CO., LTD., JP
[85] 2018-02-02
[86] 2016-08-02 (PCT/JP2016/003561)
[87] (WO2017/022242)
[30] JP (2015-154522) 2015-08-04

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[21] **2,994,661**
[13] A1
[51] **Int.Cl. H01F 27/00 (2006.01)**
[25] EN
[54] **TRANSFORMER MONITOR, COMMUNICATIONS AND DATA COLLECTION DEVICE**
[54] **DISPOSITIF DE CONTROLE DE TRANSFORMATEUR, DE COMMUNICATIONS ET DE COLLECTE DE DONNEES**
[72] FOSTER, SCOTT, US
[72] BORRELLI, ANGELO, US
[72] TEICHMANN, KEITH, US
[71] DELTA ENERGY & COMMUNICATIONS, INC., US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045233)
[87] (WO2017/027274)
[30] US (62/203,101) 2015-08-10
[30] US (15/160,754) 2016-05-20

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[21] **2,994,665**
[13] A1
[51] **Int.Cl. C12P 7/44 (2006.01) C08F 22/02 (2006.01)**
[25] EN
[54] **PARTIALLY DECARBOXYLATED POLYCARBOXYLIC ACID POLYMERS**
[54] **POLYMERES D'ACIDE POLYCARBOXYLIQUE PARTIELLEMENT DECARBOXYLES**
[72] DURANT, YVON, US
[72] LUTHI, BRIAN, US
[72] SHAW, JOHN, US
[71] ITACONIX CORPORATION, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045241)
[87] (WO2017/023968)
[30] US (62/201,015) 2015-08-04
[30] US (14/855,974) 2015-09-16

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[21] **2,994,666**
[13] A1
[51] **Int.Cl. B64C 25/36 (2006.01) B60T 1/16 (2006.01) B64C 25/42 (2006.01) B64D 27/24 (2006.01) B64D 41/00 (2006.01) H02P 3/18 (2006.01) B60T 8/17 (2006.01)**
[25] EN
[54] **ELECTRIC TAXIING SYSTEM OF AIRCRAFT AND METHOD FOR CONTROLLING THE SYSTEM**
[54] **SYSTEME DE ROULAGE ELECTRIQUE POUR AERONEF ET PROCEDE DE COMMANDE DUDIT SYSTEME**
[72] MORIOKA, NORIKO, JP
[72] KAKIUCHI, DAIKI, JP
[72] OYORI, HITOSHI, JP
[72] ASAKURA, HIROYUKI, JP
[71] IHI CORPORATION, JP
[85] 2018-02-02
[86] 2016-12-01 (PCT/JP2016/085687)
[87] (WO2017/094823)
[30] JP (2015-235530) 2015-12-02

---

[21] **2,994,667**
[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) G01N 21/75 (2006.01) G01N 21/76 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR WATER CONTAMINANT TESTING**
[54] **APPAREIL, SYSTEME ET PROCEDE DE TEST DE CONTAMINANT D'EAU**
[72] LLOYD, CHRISTOPHER, US
[72] DUNCAN, ANDREW, US
[71] FIELD WATER TESTING, LLC, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045420)
[87] (WO2017/024070)
[30] US (62/200,484) 2015-08-03

[21] **2,994,668**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C08L 97/02 (2006.01) C12N 1/00 (2006.01) C12N 9/00 (2006.01) C12P 7/16 (2006.01) C12P 7/18 (2006.01) C12P 7/46 (2006.01) C12P 7/56 (2006.01)**
[25] EN
[54] **HYDROTHERMAL-MECHANICAL TREATMENT OF LIGNOCELLULOSIC BIOMASS FOR PRODUCTION OF FERMENTATION PRODUCTS**
[54] **TRAITEMENT MECANO-HYDROTHERMIQUE D'UNE BIOMASSE LIGNOCELLULOSIQUE POUR LA PRODUCTION DE PRODUITS DE FERMENTATION**
[72] RETSINA, THEODORA, US
[72] BOUSQUET, JEAN-PIERRE, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
[85] 2018-02-02
[86] 2016-06-09 (PCT/US2016/036571)
[87] (WO2016/201031)
[30] US (62/173,217) 2015-06-09

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[21] **2,994,669**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) B01D 37/00 (2006.01) B01D 37/04 (2006.01) B01D 61/00 (2006.01) B01D 61/14 (2006.01) B01D 61/58 (2006.01)**
[25] EN
[54] **TANGENTIAL FLOW FILTER SYSTEM FOR THE FILTRATION OF MATERIALS FROM BIOLOGIC FLUIDS**
[54] **SYSTEME DE FILTRATION A FLUX TANGENTIEL POUR LA FILTRATION DE MATERIAUX PROVENANT DE FLUIDES BIOLOGIQUES**
[72] MEYERING, EMILY ROLFES, US
[72] SEIM, GARY, US
[72] VASE, ABHI, US
[72] KREHBIEL, BEN, US
[72] HEDSTROM, BLAKE, US
[72] MCCABE, AARON, US
[71] MINNETRONIX, INC., US
[85] 2018-02-02
[86] 2016-06-09 (PCT/US2016/036626)
[87] (WO2017/023419)
[30] US (62/201,287) 2015-08-05

---

[21] **2,994,672**
[13] A1
[51] **Int.Cl. G01S 13/90 (2006.01) G01S 7/02 (2006.01)**
[25] EN
[54] **TERRESTRIAL IMAGING USING MULTI-POLARIZATION SYNTHETIC APERTURE RADAR**
[54] **IMAGERIE TERRESTRE A L'AIDE D'UN RADAR A OUVERTURE SYNTHETIQUE MULTI-POLARISATION**
[72] SOOFI, KHALID A., US
[72] TERRY, SARAH E., US
[72] PRADO, MANUEL A., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-02-02
[86] 2016-07-06 (PCT/US2016/041154)
[87] (WO2017/058328)
[30] US (62/190,103) 2015-07-08
[30] US (15/203,327) 2016-07-06

---

[21] **2,994,673**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DECENTRALIZED AUTONOMOUS HEALTHCARE ECONOMY PLATFORM**
[54] **SYSTEME ET PROCEDE POUR PLATE-FORME D'ECONOMIE DE SOINS DE SANTE AUTONOME ET DECENTRALISEE**
[72] TANNER, THEODORE, JR., US
[72] DUNLEVY, TIMOTHY SCOTT, US
[71] POKITDOK, INC., US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045421)
[87] (WO2017/024071)
[30] US (62/200,272) 2015-08-03
[30] US (14/934,049) 2015-11-05

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[21] **2,994,675**
[13] A1
[51] **Int.Cl. F16F 9/44 (2006.01) B60G 15/02 (2006.01) F15B 15/14 (2006.01) F16F 1/00 (2006.01) F16F 9/00 (2006.01) F16F 9/32 (2006.01) H02K 41/02 (2006.01)**
[25] EN
[54] **MECHANICAL SPRING ACTUATOR**
[54] **ACTIONNEUR A RESSORT MECANIQUE**
[72] SPYCHE, GERALD J., JR., US
[71] KYNTEC CORPORATION, US
[85] 2018-02-02
[86] 2016-08-04 (PCT/US2016/045478)
[87] (WO2017/024103)
[30] US (62/200,774) 2015-08-04

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[21] **2,994,676**
[13] A1
[51] **Int.Cl. A01H 1/00 (2006.01) A01H 3/00 (2006.01) C07K 14/195 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT DERIVED INSECTICIDAL PROTEINS AND METHODS FOR THEIR USE**
[54] **PROTEINES INSECTICIDES D'ORIGINE VEGETALE ET LEURS METHODES D'UTILISATION**
[72] ALLEN, STEPHEN, US
[72] BARRY, JENNIFER, US
[72] CRANE, VIRGINIA, US
[72] ENGLISH, JAMES, US
[72] FENGLER, KEVIN, US
[72] SCHEPERS, ERIC, US
[72] UDRANSZKY, INGRID, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-02-02
[86] 2016-07-08 (PCT/US2016/041452)
[87] (WO2017/023486)
[30] US (62/201,977) 2015-08-06

[21] **2,994,677**
[13] A1
[51] **Int.Cl. C09K 8/588 (2006.01) C09K 8/36 (2006.01)**
[25] EN
[54] **CARBONYL FUNCTIONAL INVERSION AGENTS FOR WATER-IN-OIL LATICES AND METHODS OF USE**
[54] **AGENTS D'INVERSION A FONCTION CARBONYLE POUR LATEX EAU-DANS-HUILE ET PROCEDES D'UTILISATION**
[72] LI, XIAOJIN HARRY, US
[72] PARTHASARATHY, ANAND, US
[71] ECOLAB USA INC., US
[85] 2018-02-02
[86] 2016-08-04 (PCT/US2016/045541)
[87] (WO2017/027317)
[30] US (62/202,196) 2015-08-07

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[21] **2,994,679**
[13] A1
[51] **Int.Cl. B26B 21/22 (2006.01) B26B 21/08 (2006.01) B26B 21/14 (2006.01) B26B 21/52 (2006.01)**
[25] EN
[54] **SHAVING DEVICE**
[54] **DISPOSITIF DE RASAGE**
[72] ROBERTSON, RUAIRIDH, US
[72] CARPENTER, DAVID, US
[72] STRATTON, ALAN KENNETH, US
[72] BONNOITT, GEORGE K., JR., US
[71] ROBERTSON, RUAIRIDH, US
[85] 2018-02-02
[86] 2016-08-04 (PCT/US2016/045591)
[87] (WO2017/024156)
[30] US (62/201,551) 2015-08-05
[30] US (14/873,857) 2015-10-02
[30] US (14/977,560) 2015-12-21
[30] US (15/135,485) 2016-04-21

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[21] **2,994,681**
[13] A1
[51] **Int.Cl. C09K 8/36 (2006.01) C08J 3/03 (2006.01) C08L 33/26 (2006.01) C09K 8/58 (2006.01) C09K 8/584 (2006.01)**
[25] EN
[54] **NONIONIC INVERSION AGENTS FOR WATER-IN-OIL LATICES AND METHODS OF USE**
[54] **AGENTS D'INVERSION NON IONIQUES POUR LATEX EAU-DANS-HUILE ET PROCEDES D'UTILISATION**
[72] LI, XIAOJIN HARRY, US
[72] PARTHASARATHY, ANAND, US
[71] ECOLAB USA INC., US
[85] 2018-02-02
[86] 2016-08-04 (PCT/US2016/045546)
[87] (WO2017/027319)
[30] US (62/202,197) 2015-08-07

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[21] **2,994,684**
[13] A1
[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/588 (2006.01)**
[25] EN
[54] **PHOSPHORUS FUNCTIONAL INVERSION AGENTS FOR WATER-IN-OIL LATICES AND METHODS OF USE**
[54] **AGENTS D'INVERSION FONCTIONNELLE A BASE DE PHOSPHORE POUR LATEX EAU DANS HUILE ET LEURS PROCEDES D'UTILISATION**
[72] LI, XIAOJIN HARRY, US
[72] PARTHASARATHY, ANAND, US
[71] ECOLAB USA INC., US
[85] 2018-02-02
[86] 2016-08-04 (PCT/US2016/045590)
[87] (WO2017/027327)
[30] US (62/202,199) 2015-08-07

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[21] **2,994,685**
[13] A1
[51] **Int.Cl. B65D 88/62 (2006.01) B65D 88/54 (2006.01) B65D 88/60 (2006.01) B65D 90/04 (2006.01)**
[25] EN
[54] **FLEXIBLE LINER SYSTEM FOR DISCHARGING AND AERATING DRY MATERIALS IN A STORAGE BIN**
[54] **SYSTEME DE DOUBLURE SOUPLE POUR DECHARGER ET AERER DES MATERIAUX SECS DANS UN BAC DE STOCKAGE**
[72] BONERB, TIMOTHY C., US
[71] BONERB, TIMOTHY C., US
[85] 2018-02-02
[86] 2016-08-04 (PCT/US2016/045658)
[87] (WO2017/024184)
[30] US (62/282,562) 2015-08-05
[30] US (62/283,325) 2015-08-28
[30] US (62/389,656) 2016-03-07
[30] US (62/390,226) 2016-03-23
[30] US (62/493,366) 2016-07-01

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[21] **2,994,687**
[13] A1
[51] **Int.Cl. C07J 41/00 (2006.01) C07J 9/00 (2006.01) C07J 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR PREPARATION OF BILE ACIDS AND DERIVATIVES THEREOF**
[54] **PROCEDES DE PREPARATION D'ACIDES BILIAIRES ET DE LEURS DERIVES**
[72] GALVIN, GABRIEL M., US
[71] INTERCEPT PHARMACEUTICALS, INC., US
[85] 2018-02-02
[86] 2016-08-05 (PCT/US2016/045831)
[87] (WO2017/027396)
[30] US (62/202,300) 2015-08-07

[21] **2,994,693**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATING THE RETRIEVAL OF PARTITIONABLE SEARCH RESULTS FROM A DATABASE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'AUTOMATISER L'EXTRACTION DES RESULTATS DE RECHERCHE POUVANT ETRE PARTITIONNES A PARTIR D'UNE BASE DE DONNEES**
[72] RELKIN, PAUL W., US
[72] RELKIN, NORMAN R., US
[71] MAPSCALLION LLC, US
[85] 2018-02-02
[86] 2016-07-26 (PCT/US2016/044062)
[87] (WO2017/023616)
[30] US (14/815,991) 2015-08-01

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[21] **2,994,695**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **LOAD CONTROL SYSTEM RESPONSIVE TO THE LOCATION OF AN OCCUPANT AND/OR MOBILE DEVICE**
[54] **SYSTEME DE COMMANDE DE CHARGE SENSIBLE A L'EMPLACEMENT D'UN OCCUPANT ET/OU DISPOSITIF MOBILE**
[72] BAKER, RHODES B., US
[72] CAMDEN, RICHARD S., US
[72] KUMAR, SANJEEV, US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-02-02
[86] 2016-08-05 (PCT/US2016/045897)
[87] (WO2017/024275)
[30] US (62/201,522) 2015-08-05

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[21] **2,994,696**
[13] A1
[51] **Int.Cl. C11D 3/02 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITION HAVING EFFICACY AGAINST ENDOSPORES**
[54] **COMPOSITION ANTIMICROBIENNE AYANT UNE EFFICACITE CONTRE DES ENDOSPORES**
[72] MYNTTI, MATTHEW F., US
[71] NEXT SCIENCE IP HOLDINGS PTY LTD, AU
[85] 2018-02-02
[86] 2016-08-05 (PCT/US2016/045905)
[87] (WO2017/027418)
[30] US (62/202,644) 2015-08-07
[30] US (62/212,552) 2015-08-31

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[21] **2,994,697**
[13] A1
[51] **Int.Cl. A47C 27/05 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE MATTRESS**
[54] **MATELAS PERSONNALISABLE**
[72] ALLETTO, EUGENE, JR., US
[71] BEDGEAR, LLC, US
[85] 2018-02-02
[86] 2016-07-27 (PCT/US2016/044224)
[87] (WO2017/023640)
[30] US (62/200,378) 2015-08-03

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[21] **2,994,698**
[13] A1
[51] **Int.Cl. H05K 1/09 (2006.01) G06K 19/067 (2006.01) G06K 19/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ITEM-BASED TRANSACTION AUTHENTICATION**
[54] **SYSTEMES ET PROCEDES POUR AUTHENTIFICATION DE TRANSACTION SE BASANT SUR UN ARTICLE**
[72] STERN, MATTHEW, US
[72] TANIGUCHI, MAKIKO, US
[72] YANG, LIN, US
[72] CEPRESS, CARL, US
[72] ANDERSON, AUSTIN, US
[72] MAKOSKI, DANIEL, US
[72] DEPERRO, JASON, US
[72] STERN, MATTHEW, US
[72] TANIGUCHI, MAKIKO, US
[72] YANG, LIN, US
[72] CEPRESS, CARL, US
[71] CAPITAL ONE SERVICES, LLC, US
[71] STERN, MATTHEW, US
[71] TANIGUCHI, MAKIKO, US
[71] YANG, LIN, US
[71] CEPRESS, CARL, US
[71] ANDERSON, AUSTIN, US
[71] MAKOSKI, DANIEL, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045307)
[87] (WO2017/024011)
[30] US (62/200,359) 2015-08-03

---

[21] **2,994,699**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTHENTICATING PHOTOGRAPHIC IMAGE DATA**
[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION DE DONNEES D'IMAGE PHOTOGRAPHIQUE**
[72] STACK, CRAIG, US
[72] LYONS, JASON, US
[72] LYONS, FRANCIS, US
[71] TRUEPIC INC., US
[85] 2018-02-02
[86] 2016-08-02 (PCT/US2016/045089)
[87] (WO2017/023896)
[30] US (14/816,712) 2015-08-03

[21] **2,994,702**
[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01) A61K 31/38 (2006.01) A61K 31/42 (2006.01)**
[25] EN
[54] **COMPOSITIONS WITH PERMEATION ENHANCERS FOR DRUG DELIVERY**
[54] **COMPOSITIONS AYANT DES AMPLIFICATEURS DE PERMEATION POUR L'ADMINISTRATION DE MEDICAMENTS**
[72] KOHANE, DANIEL S., US
[72] YANG, RONG, US
[72] LIN, LILY YUN, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-02-02
[86] 2016-08-05 (PCT/US2016/045908)
[87] (WO2017/024282)
[30] US (62/201,199) 2015-08-05

---

[21] **2,994,708**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **COMMISSIONING AND CONTROLLING LOAD CONTROL DEVICES**
[54] **MISE EN SERVICE ET COMMANDE DE DISPOSITIFS DE COMMANDE DE CHARGE**
[72] BAKER, RHODES B., US
[72] BARCO, KYLE THOMAS, US
[72] BARNES, BRYAN ROBERT, US
[72] BULL, JOHN H., US
[72] CAMDEN, RICHARD S., US
[72] CRAFTS, JORDAN H., US
[72] DOLAN, DAVID J., US
[72] GROLLER, JASON, US
[72] KUMAR, SANJEEV, US
[72] LENZ, JONATHAN T., US
[72] PELAEZ, MIGUEL AGUADO, GB
[72] TWADDELL, DANIEL L., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-02-02
[86] 2016-08-05 (PCT/US2016/045884)
[87] (WO2017/024268)
[30] US (62/201,537) 2015-08-05

---

[21] **2,994,709**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/505 (2006.01) A61K 31/519 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **SEXUAL DYSFUNCTION THERAPEUTIC GEL**
[54] **GEL THERAPEUTIQUE POUR DYSFONCTIONNEMENT SEXUEL**
[72] SALCE, ANTHONY H., JR., US
[72] GREENWOOD, WILLIAM F., US
[72] MISIR, SHIVSANKAR, US
[71] SYNERGISTIC THERAPEUTICS, LLC, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045339)
[87] (WO2017/024029)
[30] US (62/200,304) 2015-08-03

---

[21] **2,994,712**
[13] A1
[51] **Int.Cl. H04N 7/18 (2006.01)**
[25] EN
[54] **VIDEO IDENTIFICATION AND ANALYTICAL RECOGNITION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION VIDEO ET DE RECONNAISSANCE ANALYTIQUE**
[72] CAREY, JAMES, US
[71] CAREY, JAMES, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045371)
[87] (WO2017/024045)
[30] US (14/817,871) 2015-08-04

---

[21] **2,994,715**
[13] A1
[51] **Int.Cl. E04H 15/22 (2006.01)**
[25] EN
[54] **HOVERING AIR FORT**
[54] **FORT AERIEN A POINT FIXE**
[72] HANLEY, EDWARD E., US
[72] HANLEY, LUCIANA E., US
[71] HANLEY, EDWARD E., US
[71] HANLEY, LUCIANA E., US
[85] 2018-02-02
[86] 2016-08-06 (PCT/US2016/045926)
[87] (WO2017/024291)
[30] US (62/201,987) 2015-08-06

---

[21] **2,994,719**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 49/00 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS OF TREATING AUTOIMMUNE CONDITIONS IN PATIENTS WITH GENETIC VARIATIONS IN DCR3 OR IN A DCR3 NETWORK GENE**
[54] **PROCEDES DE TRAITEMENT DE CONDITIONS AUTO-IMMUNES CHEZ DES PATIENTS COMPRENANT DES VARIATIONS GENETIQUES DANS DCR3 OU DANS UN GENE DE RESEAU DE DCR3**
[72] HAKONARSON, HAKON, US
[72] KAO, CHARLLY, US
[72] CARDINALE, CHRISTOPHER, US
[72] PANDEY, RAHUL, US
[72] LI, YUN ROSE, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2018-02-02
[86] 2016-08-19 (PCT/US2016/047872)
[87] (WO2017/035017)
[30] US (62/208,383) 2015-08-21
[30] US (62/320,400) 2016-04-08

---

[21] **2,994,724**
[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61P 1/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR USE IN COMBINATION FOR THE TREATMENT AND DIAGNOSIS OF AUTOIMMUNE DISEASES**
[54] **COMPOSITIONS ET METHODES D'UTILISATION EN ASSOCIATION DESTINEES AU TRAITEMENT ET AU DIAGNOSTIC DE MALADIES AUTO-IMMUNES**
[72] HAKONARSON, HAKON, US
[72] LI, YUN, ROSE, US
[72] KEATING, BRENDAN, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2018-02-02
[86] 2016-08-19 (PCT/US2016/047857)
[87] (WO2017/035010)
[30] US (62/208,383) 2015-08-21
[30] US (62/320,400) 2016-04-08

[21] **2,994,725**
[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/14 (2006.01) B01J 20/20 (2006.01) B01J 20/22 (2006.01)**
[25] EN
[54] **TREATED ACTIVATED CARBON FOR REMOVAL OF AIRBORNE ORGANIC AND INORGANIC CONTAMINANTS**
[54] **CARBONE ACTIF TRAITE POUR LE RETRAIT DE CONTAMINANTS ORGANIQUES ET INORGANIQUES EN SUSPENSION DANS L'AIR**
[72] REZUKE, ROBERT W., US
[72] POTUKUCHI, KARTIK, US
[71] GRAVER TECHNOLOGIES LLC, US
[85] 2018-02-02
[86] 2016-10-21 (PCT/US2016/058198)
[87] (WO2017/070526)
[30] US (62/244,776) 2015-10-22
[30] US (15/331,231) 2016-10-21

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[21] **2,994,729**
[13] A1
[51] **Int.Cl. C07K 14/32 (2006.01) C07K 14/33 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF PAIN**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA DOULEUR**
[72] COLLIER, R. JOHN, US
[72] CHIU, ISAAC, US
[72] PENTELUTE, BRADLEY L., US
[72] FOSTER, KEITH ALAN, GB
[72] PALAN, SHILPA, GB
[72] LIU, SAI MAN, GB
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] IPSEN PHARMA S.A.S., FR
[85] 2018-02-02
[86] 2016-08-26 (PCT/US2016/049106)
[87] (WO2017/035508)
[30] US (62/210,610) 2015-08-27

---

[21] **2,994,731**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01) C12N 5/0786 (2010.01) C07C 223/06 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **SELECTION OF PATIENTS FOR COMBINATION THERAPY**
[54] **SELECTION DE PATIENTS POUR UNE POLYTHERAPIE**
[72] ORDENTLICH, PETER, US
[71] SYNDAX PHARMACEUTICALS, INC., US
[85] 2018-02-02
[86] 2016-09-02 (PCT/US2016/050274)
[87] (WO2017/041043)
[30] US (62/213,288) 2015-09-02
[30] US (62/219,612) 2015-09-16

---

[21] **2,994,733**
[13] A1
[51] **Int.Cl. E03B 7/10 (2006.01) E03B 7/12 (2006.01) F16K 31/64 (2006.01) F16L 55/07 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED PREVENTION OF FREEZING OF A LIQUID IN A PLUMBING NETWORK**
[54] **SYSTEME ET PROCEDE POUR LA PREVENTION AUTOMATISEE DE GEL DE LIQUIDE DANS UN RESEAU DE PLOMBERIE**
[72] HARB, ZIAD ABOU, CA
[71] HARB, ZIAD ABOU, CA
[85] 2018-02-05
[86] 2016-08-05 (PCT/CA2016/050922)
[87] (WO2017/020135)
[30] US (62/201,976) 2015-08-06

---

[21] **2,994,735**
[13] A1
[51] **Int.Cl. F16D 1/00 (2006.01) F16D 3/06 (2006.01)**
[25] EN
[54] **ONE-TO-ONE TORQUE COUPLING**
[54] **ACCOUPLEMENT DE COUPLE DE UN A UN**
[72] KERR, JOHN HUGH, CA
[71] KER-TRAIN HOLDINGS LTD., CA
[85] 2018-02-05
[86] 2015-08-05 (PCT/CA2015/050735)
[87] (WO2016/019462)
[30] US (62/033,554) 2014-08-05

---

[21] **2,994,736**
[13] A1
[51] **Int.Cl. A41C 3/04 (2006.01) A61M 1/06 (2006.01)**
[25] EN
[54] **HANDS FREE PUMPING BUSTIER**
[54] **CORSAGE TIRE-LAIT MAINS LIBRES**
[72] KAWASAKI, DON, CA
[71] MEDELA HOLDING AG, CH
[85] 2018-02-05
[86] 2016-08-12 (PCT/CA2016/050953)
[87] (WO2017/024413)
[30] US (62/204,096) 2015-08-12

---

[21] **2,994,739**
[13] A1
[51] **Int.Cl. F16L 53/00 (2018.01) F16L 11/08 (2006.01)**
[25] EN
[54] **AN UNBONDED FLEXIBLE PIPE**
[54] **TUYAU FLEXIBLE NON COLLE**
[72] STRAARUP, ANDERS, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2018-02-05
[86] 2016-08-08 (PCT/DK2016/050266)
[87] (WO2017/025100)
[30] DK (PA 2015 70516) 2015-08-10

---

[21] **2,994,742**
[13] A1
[51] **Int.Cl. E01C 5/14 (2006.01)**
[25] EN
[54] **CRANE MAT AND METHOD OF MANUFACTURE**
[54] **PLATELAGE DE GRUE ET PROCEDE DE FABRICATION**
[72] STERLING, CARTER, US
[72] STERLING, COOPER, US
[72] O'CONNELL, MICHAEL, US
[72] STERLING, CHRISTIAN, US
[72] STERLING, CARSON, US
[72] STERLING, JOHN, US
[72] RAKE, JOHN, US
[71] STERLING LUMBER COMPANY, US
[85] 2018-02-02
[86] 2015-11-04 (PCT/US2015/058990)
[87] (WO2017/023347)
[30] US (62/200,508) 2015-08-03
[30] US (62/211,651) 2015-08-28

[21] **2,994,751**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ANTIBODY AGAINST GLYPICAN-3 AND APPLICATION THEREOF**
[54] **ANTICORPS DIRIGE CONTRE LE GLYPICAN-3 ET APPLICATION ASSOCIEE**
[72] WANG, HUAMAO, CN
[72] SONG, BO, CN
[71] CARSGEN THERAPEUTICS LTD, CN
[85] 2018-02-05
[86] 2016-08-02 (PCT/CN2016/092833)
[87] (WO2017/020812)
[30] CN (201510481235.1) 2015-08-03

---

[21] **2,994,752**
[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/135 (2006.01) A61K 31/167 (2006.01) A61K 31/196 (2006.01) A61K 31/216 (2006.01) A61K 31/277 (2006.01)**
[25] EN
[54] **TOPICAL ANALGESIC LOTON**
[54] **LOTION ANALGESIQUE TOPIQUE**
[72] SALCE, ANTHONY H., JR., US
[72] GREENWOOD, WILLIAM F., US
[72] MISIR, SHIVSANKAR, US
[71] SYNERGISTIC THERAPEUTICS, LLC, US
[85] 2018-02-02
[86] 2016-08-05 (PCT/US2016/045740)
[87] (WO2017/024214)
[30] US (62/201,264) 2015-08-05

---

[21] **2,994,759**
[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **DEVICE FOR JOINING FLOOR TILES AND INSTALLATION METHOD THEREOF**
[54] **DISPOSITIF D'ASSEMBLAGE DE CARREAUX DE SOL ET PROCEDE D'INSTALLATION CORRESPONDANT**
[72] CHOY, WING SZE WENDY, CN
[71] CHOY, WING SZE WENDY, CN
[85] 2018-02-05
[86] 2016-09-02 (PCT/CN2016/097936)
[87] (WO2017/036415)
[30] CN (201510557770.0) 2015-09-02

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[21] **2,994,769**
[13] A1
[51] **Int.Cl. G05B 19/414 (2006.01) G05B 19/4155 (2006.01)**
[25] EN
[54] **CONTROL PANEL HAVING NC FUNCTION FOR MACHINE TOOL**
[54] **TABLEAU DE COMMANDE AYANT UNE FONCTION DE CN POUR MACHINE-OUTIL**
[72] KITAMURA, AKIHIRO, JP
[71] KITAMURA MACHINERY CO., LTD., JP
[85] 2018-02-02
[86] 2017-06-16 (PCT/JP2017/022299)
[87] (WO2017/221827)
[30] JP (2016-121420) 2016-06-20

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[21] **2,994,771**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER EN IMMUNOTHERAPIE CONTRE LE CANCER DE LA PROSTATE ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, DE
[72] MULLER, PHILLIP, DE
[72] LEIBOLD, JULIA, AT
[72] GOLDFINGER, VALENTINA, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2018-02-05
[86] 2016-08-05 (PCT/EP2016/068727)
[87] (WO2017/021527)
[30] US (62/201,289) 2015-08-05
[30] GB (1513921.5) 2015-08-06

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[21] **2,994,787**
[13] A1
[51] **Int.Cl. C07H 15/08 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **GALNAC CLUSTER PHOSPHORAMIDITE**
[54] **AGREGAT DE GALNAC-PHOSPHORAMIDITE**
[72] TRUSSARDI, RENE, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2018-02-05
[86] 2016-11-14 (PCT/EP2016/077516)
[87] (WO2017/084987)
[30] EP (15194811.4) 2015-11-16

[21] **2,994,792**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61H 99/00 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **COMBINED RESPIRATORY MUSCLE TRAINING AND OSCILLATING POSITIVE EXPIRATORY PRESSURE DEVICE**
[54] **DISPOSITIF COMBINE D'ENTRAINEMENT POUR MUSCLES RESPIRATOIRES ET DE PRESSION EXPIRATOIRE POSITIVE OSCILLANTE**
[72] ENGELBRETH, DAN, CA
[72] MEYER, ADAM, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2018-02-05
[86] 2016-07-29 (PCT/IB2016/054577)
[87] (WO2017/017657)
[30] US (62/199,113) 2015-07-30

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[21] **2,994,793**
[13] A1
[51] **Int.Cl. B01F 7/16 (2006.01) B01F 3/08 (2006.01) B01F 3/12 (2006.01) B01F 7/18 (2006.01)**
[25] EN
[54] **ATOMIZATION DEVICE AND METHOD FOR MANUFACTURING PRODUCT WITH FLUIDITY USING SAID DEVICE**
[54] **DISPOSITIF D'ATOMISATION ET PROCEDE DE FABRICATION D'UN PRODUIT DE FLUIDITE UTILISANT LEDIT DISPOSITIF**
[72] HANYU, KEIGO, JP
[72] KAMIYA, TETSU, JP
[72] ONOZATO, MASASHI, JP
[71] MEIJI CO., LTD., JP
[85] 2018-02-05
[86] 2016-08-04 (PCT/JP2016/072896)
[87] (WO2017/022816)
[30] JP (2015-155890) 2015-08-06

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[21] **2,994,794**
[13] A1
[51] **Int.Cl. C08G 8/04 (2006.01) C04B 24/30 (2006.01) C04B 24/32 (2006.01)**
[25] EN
[54] **POLYCONDENSATION PRODUCT CONTAINING PHENOLIC COPOLYMER AND DISPERSANT FOR HYDRAULIC COMPOSITION CONTAINING THE SAME**
[54] **PRODUIT DE POLYCONDENSATION RENFERMANT UN COPOLYMERE PHENOLIQUE ET UN DISPERSANT DESTINE A UNE COMPOSITION HYDRAULIQUE RENFERMANT LEDIT PRODUIT**
[72] SUGA, AKIRA, JP
[72] SATO, KATSUTOSHI, JP
[72] OKADA, TOMOHISA, JP
[72] TSUSHIMA, TARO, JP
[71] TOHO CHEMICAL INDUSTRY CO., LTD., JP
[85] 2018-02-05
[86] 2016-08-04 (PCT/JP2016/072963)
[87] (WO2017/022831)
[30] JP (2015-155418) 2015-08-05

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[21] **2,994,795**
[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01) G06Q 10/04 (2012.01) E21B 47/00 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EVALUATING ECONOMIC FEASIBILITY OF BITUMEN**
[54] **APPAREIL ET METHODE D'EVALUATION DE LA FAISABILITE ECONOMIQUE DU BITUME**
[72] LEE, HYUN SUK, KR
[72] KIM, KWANG HYUN, KR
[72] SHIN, HYUN DON, KR
[72] RHEE, CHUL WOO, KR
[71] KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES, KR
[85] 2018-02-05
[86] 2016-07-28 (PCT/KR2016/008311)
[87] (WO2017/111245)
[30] KR (10-2015-0185194) 2015-12-23

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[21] **2,994,800**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **ELECTRODES AND ELECTRODE POSITIONING SYSTEMS FOR TRANSVASCULAR NEUROMODULATION**
[54] **ELECTRODES, ET SYSTEMES DE PLACEMENT D'ELECTRODES, POUR NEUROMODULATION TRANSVASCULAIRE**
[72] MASSON, STEPHEN C., US
[72] PURCELL, SCOTT, US
[72] CUCHIARA, MICHAEL, US
[72] GLENN, RICHARD A., US
[71] NERO TRONIK IP HOLDING (JERSEY) LIMITED, JE
[85] 2018-02-05
[86] 2015-08-06 (PCT/US2015/044112)
[87] (WO2016/022867)
[30] US (62/034,146) 2014-08-06
[30] US (62/034,144) 2014-08-06
[30] US (62/034,142) 2014-08-06
[30] US (62/034,149) 2014-08-07
[30] US (62/034,152) 2014-08-07
[30] US (62/036,526) 2014-08-12

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[21] **2,994,801**
[13] A1
[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **PORTABLE DRUG MIXING AND DELIVERY DEVICE AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE MELANGE ET D'ADMINISTRATION DE MEDICAMENT PORTABLE ET PROCEDES ASSOCIES**
[72] BUCHINE, BRENT A., US
[72] STANDLEY, ADAM R., US
[72] STEPANIAN, CHRISTOPHER J., US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[72] CHAGNON, JEFFREY THOMAS, US
[72] BRIK, ROBERT, US
[71] WINDGAP MEDICAL, INC., US
[85] 2018-02-05
[86] 2015-08-18 (PCT/US2015/045761)
[87] (WO2016/028814)
[30] US (62/038,386) 2014-08-18
[30] US (62/061,664) 2014-10-08
[30] US (62/120,792) 2015-02-25
[30] US (62/126,011) 2015-02-27
[30] US (62/204,940) 2015-08-13

[21] **2,994,802**
[13] A1
[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **PORTABLE DRUG MIXING AND DELIVERY DEVICE AND ASSOCIATED METHODS**
[54] **DISPOSITIF PORTABLE DE MELANGE ET D'ADMINISTRATION DE MEDICAMENTS ET PROCEDES ASSOCIES**
[72] BUCHINE, BRENT A., US
[72] STANDLEY, ADAM R., US
[72] STEPANIAN, CHRISTOPER J., US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[72] CHAGNON, JEFFREY THOMAS, US
[72] BRIK, ROBERT, US
[71] WINDGAP MEDICAL, INC., US
[85] 2018-02-05
[86] 2015-08-18 (PCT/US2015/045763)
[87] (WO2016/028815)
[30] US (62/038,386) 2014-08-18
[30] US (62/061,664) 2014-10-08
[30] US (62/120,792) 2015-02-25
[30] US (62/126,011) 2015-02-27
[30] US (62/204,940) 2015-08-13

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[21] **2,994,803**
[13] A1
[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **PORTABLE DRUG MIXING AND DELIVERY DEVICE AND ASSOCIATED METHODS**
[54] **DISPOSITIF PORTABLE DE MELANGE ET D'ADMINISTRATION DE MEDICAMENT ET PROCEDES ASSOCIES**
[72] BUCHINE, BRENT A., US
[72] STANDLEY, ADAM R., US
[72] STEPANIAN, CHRISTOPER J., US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[72] CHAGNON, JEFFREY THOMAS, US
[72] BRIK, ROBERT, US
[71] WINDGAP MEDICAL, INC., US
[85] 2018-02-05
[86] 2015-08-18 (PCT/US2015/045765)
[87] (WO2016/028817)
[30] US (62/038,386) 2014-08-18
[30] US (62/061,664) 2014-10-08
[30] US (62/120,792) 2015-02-25
[30] US (62/126,011) 2015-02-27
[30] US (62/204,940) 2015-08-13

---

[21] **2,994,804**
[13] A1
[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **PORTABLE DRUG MIXING AND DELIVERY DEVICE AND ASSOCIATED METHODS**
[54] **DISPOSITIF PORTABLE DE MELANGE ET D'ADMINISTRATION DE MEDICAMENT ET PROCEDES ASSOCIES**
[72] BUCHINE, BRENT A., US
[72] STANDLEY, ADAM R., US
[72] STEPANIAN, CHRISTOPER J., US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[72] CHAGNON, JEFFREY THOMAS, US
[72] BRIK, ROBERT, US
[71] WINDGAP MEDICAL, INC., US
[85] 2018-02-05
[86] 2015-08-18 (PCT/US2015/045768)
[87] (WO2016/028820)
[30] US (62/038,386) 2014-08-18
[30] US (62/061,664) 2014-10-08
[30] US (62/120,792) 2015-02-25
[30] US (62/126,011) 2015-02-27
[30] US (62/204,940) 2015-08-13

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[21] **2,994,809**
[13] A1
[51] **Int.Cl. C08K 5/5415 (2006.01) A61K 39/385 (2006.01) G01N 33/552 (2006.01)**
[25] EN
[54] **SILICA-BASED BIOMOLECULE CARRIER, PHARMACEUTICAL COMPOSITION COMPRISING THE SAME, PREPARATION METHOD AND USE THEREOF**
[54] **SUPPORT DE BIOMOLECULES A BASE DE SILICE, COMPOSITION PHARMACEUTIQUE LE COMPRENANT, PROCEDE DE PREPARATION ET UTILISATION CORRESPONDANTS**
[72] MOU, CHUNG-YUAN, TW
[72] CHEN, YI-PING, TW
[72] WU, SI-HAN, TW
[71] NATIONAL TAIWAN UNIVERSITY, TW
[85] 2018-02-05
[86] 2016-01-20 (PCT/US2016/014194)
[87] (WO2017/023358)
[30] US (14/819,438) 2015-08-06

---

[21] **2,994,811**
[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **COORDINATION OF DENTAL IMPLANT INFORMATION**
[54] **COORDINATION D'INFORMATIONS D'IMPLANT DENTAIRE**
[72] CUNNINGHAM, CAROL A., US
[71] CUNNINGHAM, CAROL A., US
[85] 2018-02-05
[86] 2016-06-28 (PCT/US2016/039789)
[87] (WO2017/030658)
[30] US (14/826,917) 2015-08-14

---

[21] **2,994,816**
[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01) A61N 5/00 (2006.01) G21K 1/02 (2006.01) G21K 1/04 (2006.01)**
[25] EN
[54] **RADIATION THERAPY WITH ORTHOVOLTAGE X-RAY MINIBEAMS**
[54] **THERAPIE PAR RAYONNEMENT A L'AIDE DE MINI-FAISCEAUX DE RAYONS X EN ORTHOVOLTAGE**
[72] DILMANIAN, F. AVRAHAM, US
[72] KRISHNAN, SUNIL, US
[72] ELEY, JOHN GORDON, US
[71] THE RESEARCH FOUNDATION FOR STATE UNIVERSITY OF NEW YORK, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-02-05
[86] 2016-07-19 (PCT/US2016/042903)
[87] (WO2017/023531)
[30] US (62/201,247) 2015-08-05
[30] US (62/210,623) 2015-08-27
[30] US (62/311,325) 2016-03-21
[30] US (15/188,643) 2016-06-21

[21] **2,994,817**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/86 (2006.01) C01B 17/04 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SEPARATING HYDROGEN SULFIDE FROM CARBON DIOXIDE IN A HIGH-PRESSURE MIXED STREAM**
[54] **SYSTEMES ET PROCEDES POUR SEPARER LE SULFURE D'HYDROGENE ET LE DIOXYDE DE CARBONE DANS UN FLUX MELANGE A HAUTE PRESSION**
[72] NORTHROP, P. SCOTT, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-02-05
[86] 2016-07-26 (PCT/US2016/044048)
[87] (WO2017/052749)
[30] US (62/221,272) 2015-09-21

---

[21] **2,994,823**
[13] A1
[51] **Int.Cl. A61B 17/02 (2006.01)**
[25] EN
[54] **ROBOTIC SURGICAL DEVICES, SYSTEMS AND RELATED METHODS**
[54] **SYSTEMES DE DISPOSITIFS CHIRURGICAUX ROBOTISES ET PROCEDES APPARENTES**
[72] FARRITOR, SHANE, US
[72] SHASHO, JEFF, US
[72] KUMAR, NISHANT, US
[72] SZCZESIAK, MATEUSZ, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[71] FARRITOR, SHANE, US
[71] SHASHO, JEFF, US
[71] KUMAR, NISHANT, US
[71] SZCZESIAK, MATEUSZ, US
[85] 2018-02-05
[86] 2016-08-03 (PCT/US2016/045436)
[87] (WO2017/024081)
[30] US (62/200,563) 2015-08-03

---

[21] **2,994,824**
[13] A1
[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/04 (2006.01) A61B 17/068 (2006.01) A61L 17/06 (2006.01)**
[25] EN
[54] **NON-INVASIVE WOUND CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE DE PLAIE NON-INVASIF**
[72] DARLING, CHARLES M., IV, US
[71] DARLING, CHARLES M., IV, US
[85] 2018-02-05
[86] 2016-08-02 (PCT/US2016/045103)
[87] (WO2017/023901)
[30] US (62/201,170) 2015-08-05

---

[21] **2,994,825**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-CD154 ANTIBODIES AND METHODS OF USING THEM**
[54] **ANTICORPS ANTI-CD154 ET PROCEDES D'UTILISATION CORRESPONDANT**
[72] FRANSSON, JOHAN, CA
[72] LEU, JOCELYN, US
[72] OBMOLOVA, GALINA, US
[72] SURI, ANISH, BE
[72] TENG, FANG, US
[72] TEPLYAKOV, ALEXEY, US
[72] ZHOU, HONG, US
[71] JANSSEN BIOTECH, INC., US
[85] 2018-02-05
[86] 2016-08-04 (PCT/US2016/045574)
[87] (WO2017/024146)
[30] US (62/201,150) 2015-08-05
[30] US (62/367,660) 2016-07-28

---

[21] **2,994,826**
[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01) A61J 1/05 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **TRANSFER VESSEL AND METHODS FOR REDUCING SAMPLE LOSS**
[54] **RECIPIENT DE TRANSFERT ET PROCEDES DE REDUCTION DE PERTE D'ECHANTILLON**
[72] LUI, CLARISSA, US
[72] GUPTA, PRIYANSHU, AU
[71] THERANOS, INC., US
[85] 2018-02-05
[86] 2016-08-02 (PCT/US2016/045199)
[87] (WO2017/023949)
[30] US (62/200,642) 2015-08-04

---

[21] **2,994,827**
[13] A1
[51] **Int.Cl. A01G 23/06 (2006.01) A01G 23/08 (2006.01) A01G 23/091 (2006.01) B64D 1/22 (2006.01)**
[25] EN
[54] **AERIAL TREE HARVESTER**
[54] **ABATTEUSE D'ARBRES AERIENNE**
[72] HALL, GEOFFREY WILLIAM, US
[71] HALL, GEOFFREY WILLIAM, US
[85] 2018-02-05
[86] 2016-08-03 (PCT/US2016/045235)
[87] (WO2017/023963)
[30] US (62/201,196) 2015-08-05

---

[21] **2,994,828**
[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/00 (2006.01) A61K 31/685 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **LECITHIN MICROEMULSIONS AND USES THEREOF**
[54] **MICROEMULSIONS DE LECITHINE ET LEURS UTILISATIONS**
[72] BASEETH, SHIREEN, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045718)
[87] (WO2017/024205)
[30] US (62/201,378) 2015-08-05

---

[21] **2,994,829**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 35/12 (2015.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **BISPECIFIC CAR T-CELLS FOR SOLID TUMOR TARGETING**
[54] **CELLULES T PORTEUSES DE CAR BISPECIFIQUES POUR LE CIBLAGE DE TUMEUR SOLIDE**
[72] JENSEN, MICHAEL C., US
[71] SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE), US
[85] 2018-02-05
[86] 2016-08-03 (PCT/US2016/045360)
[87] (WO2017/027291)
[30] US (62/202,698) 2015-08-07

[21] **2,994,832**
[13] A1
[51] **Int.Cl. F21V 17/02 (2006.01) F21V 14/00 (2018.01) F21V 21/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A STELLATE BEAM SPLITTER**
[54] **SYSTEMES ET PROCEDES POUR DIVISEUR DE FAISCEAU EN ETOILE**
[72] MOORE, JERRY, US
[71] PLAYHARD, INC., US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045843)
[87] (WO2017/024250)
[30] US (62/201,484) 2015-08-05

---

[21] **2,994,833**
[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTERACTION AUTHENTICATION USING DYNAMIC WIRELESS BEACON DEVICES**
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE AUTHENTIFICATION A INTERACTION A L'AIDE DE DISPOSITIFS DE BALISE SANS FIL DYNAMIQUES**
[72] JOSHI, ANURAG, US
[72] HODGES, WILLIAM A., US
[72] DELUCA, BRIAN E., US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045833)
[87] (WO2017/024245)
[30] US (62/201,775) 2015-08-06

---

[21] **2,994,835**
[13] A1
[51] **Int.Cl. A23J 1/02 (2006.01) A23J 1/04 (2006.01) A23J 3/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS HAVING HIGH POULTRY PROTEIN CONTENT AND METHOD OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS AYANT UNE FORTE TENEUR EN PROTEINES DE VOLAILLE ET LEUR PROCEDE DE PRODUCTION ET D'UTILISATION**
[72] LYNCH, STEPHANIE, US
[71] INTERNATIONAL DEHYDRATED FOODS, INC., US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045867)
[87] (WO2017/027409)
[30] US (62/202,657) 2015-08-07

---

[21] **2,994,836**
[13] A1
[51] **Int.Cl. A45C 1/06 (2006.01) A45C 1/00 (2006.01) A45C 11/00 (2006.01) A45C 11/18 (2006.01) A45C 13/10 (2006.01) A45C 13/30 (2006.01) B25F 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A HOLDER AND TOOL DEVICE**
[54] **SYSTEMES ET PROCEDES POUR UN DISPOSITIF DE SUPPORT ET D'OUTIL**
[72] HAARBURGER, DANIEL, US
[71] NITE IZE, INC., US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045868)
[87] (WO2017/024259)
[30] US (62/201,471) 2015-08-05

---

[21] **2,994,837**
[13] A1
[51] **Int.Cl. A23L 5/20 (2016.01) A23L 19/00 (2016.01) A23L 2/04 (2006.01) A23N 1/00 (2006.01)**
[25] EN
[54] **SUBCRITICAL WATER EXTRACTION OF FRUIT MATERIAL**
[54] **EXTRACTION D'EAU SOUS-CRITIQUE DE MATIERE DE FRUIT**
[72] ROY, SOUMYA, US
[72] MORIARTY, RYAN, US
[72] CLANCY, DAVID, US
[71] OCEAN SPRAY CRANBERRIES, INC., US
[85] 2018-02-05
[86] 2016-08-04 (PCT/US2016/045656)
[87] (WO2017/024183)
[30] US (62/200,995) 2015-08-04

---

[21] **2,994,838**
[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTION OF DISPLAY MODE USING A SINGLE BUTTON LIGHTING MODULE**
[54] **SYSTEMES ET PROCEDES DE SELECTION DE MODE D'AFFICHAGE A L'AIDE D'UN MODULE D'ECLAIRAGE A BOUTON UNIQUE**
[72] MOORE, JERRY, US
[71] PLAYHARD, INC., US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045888)
[87] (WO2017/024269)
[30] US (62/201,487) 2015-08-05

[21] **2,994,839**
[13] A1
[51] **Int.Cl. F04D 13/02 (2006.01) F04D 3/00 (2006.01) F04D 3/02 (2006.01) F04D 13/06 (2006.01) F04D 29/04 (2006.01) F04D 29/048 (2006.01)**
[25] EN
[54] **MAGNETIC DRIVE, SEAL-LESS PUMP**
[54] **POMPE SANS JOINT D'ETANCHEITE A ENTRAINEMENT MAGNETIQUE**
[72] SPICER, WADE, US
[72] WOODS, CHARLES, US
[72] WOODS, CHARLES, US
[71] SPICER, WADE, US
[71] WOODS, CHARLES, US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045711)
[87] (WO2017/024203)
[30] US (62/201,367) 2015-08-05

---

[21] **2,994,841**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODY FRAGMENTS AGAINST THE INSULIN RECEPTOR AND USES THEREOF TO TREAT HYPOGLYCEMIA**
[54] **FRAGMENTS D'ANTICORPS CONTRE LE RECEPTEUR D'INSULINE ET UTILISATIONS DE CEUX-CI POUR TRAITER L'HYPOGLYCEMIE**
[72] RUBIN, PAUL, US
[72] TAKEUCHI, TOSHIHIKO, US
[72] ISSAFRAS, HASSAN, US
[72] AHUWALIA, KIRANJIT KAUR, US
[72] CORBIN, JOHN A., US
[72] GOLDFINE, IRA, US
[72] JOHNSON, KIRK W., US
[72] LI, OU, US
[72] BEDINGER, DANIEL H., US
[71] XOMA (US) LLC, US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045917)
[87] (WO2017/024285)
[30] US (62/202,143) 2015-08-06
[30] US (62/280,675) 2016-01-19

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[21] **2,994,842**
[13] A1
[51] **Int.Cl. C07F 9/6558 (2006.01) A61K 31/713 (2006.01) C07F 9/6561 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **CHIRAL REAGENTS FOR PREPARATION OF HOMOGENEOUS OLIGOMERS**
[54] **REACTIFS CHIRAUX POUR LA PREPARATION D'OLIGOMERES HOMOGENES**
[72] ENDO, ATSUSHI, US
[72] YU, ROBERT T., US
[72] FANG, FRANCIS, US
[72] CHOI, HYEONG WOOK, US
[72] SHAN, MINGDE, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045876)
[87] (WO2017/024264)
[30] US (62/201,510) 2015-08-05

---

[21] **2,994,844**
[13] A1
[51] **Int.Cl. F16L 59/153 (2006.01) F16L 11/12 (2006.01) F16L 11/20 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **INSULATED DUCT WITH AIR GAP AND METHOD OF USE**
[54] **CONDUIT ISOLE A LAME D'AIR ET PROCEDE D'UTILISATION**
[72] CAMPBELL, DONALD B., US
[72] CARLAY, RONALD L., US
[71] FLEXIBLE TECHNOLOGIES, INC., US
[85] 2018-02-05
[86] 2016-08-08 (PCT/US2016/046004)
[87] (WO2017/024301)
[30] US (62/201,717) 2015-08-06
[30] US (15/230,880) 2016-08-08

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[21] **2,994,848**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS FOR PREDICTING PROSTATE CANCER RELAPSE**
[54] **PROCEDES POUR PREDICTION DE LA RECHUTE DU CANCER DE LA PROSTATE**
[72] YU, YANPING, US
[72] TSENG, CHIEN-CHENG, US
[72] LIU, SHUCHANG, US
[72] MICHALOPOULOS, GEORGE, US
[72] NELSON, JOEL, US
[72] LUO, JIANHUA, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-02-05
[86] 2016-08-08 (PCT/US2016/046051)
[87] (WO2017/027473)
[30] US (62/202,532) 2015-08-07

---

[21] **2,994,850**
[13] A1
[51] **Int.Cl. A61K 31/551 (2006.01) A61K 31/506 (2006.01) C07D 279/12 (2006.01)**
[25] EN
[54] **CERDULATINIB FOR TREATING MYELOMA**
[54] **CERDULATINIB POUR LE TRAITEMENT DU MYELOME**
[72] COFFEY, GREGORY, US
[72] FENG, JIAJIA, US
[71] PORTOLA PHARMACEUTICALS, INC., US
[85] 2018-02-05
[86] 2016-08-12 (PCT/US2016/046862)
[87] (WO2017/027829)
[30] US (62/204,400) 2015-08-12
[30] US (62/342,711) 2016-05-27

[21] **2,994,854**
[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) G01J 3/44 (2006.01) G01N 21/62 (2006.01)**
[25] EN
[54] **ONLINE PROCESS MONITORING**
[54] **SURVEILLANCE DE PROCESSUS EN LIGNE**
[72] LONG, TERRY D., US
[72] BUSHROE, FREDERICK N., US
[72] SPERDUTI, ARMAND, US
[72] PUENT, WILLIAM, US
[72] BLOMQUIST, STEVEN J., US
[71] SENTINEL MONITORING SYSTEMS, INC., US
[85] 2018-02-05
[86] 2016-08-08 (PCT/US2016/046059)
[87] (WO2017/027476)
[30] US (62/202,648) 2015-08-07
[30] US (15/230,243) 2016-08-05

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[21] **2,994,857**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01)**
[25] EN
[54] **LENS PROTECTION SYSTEMS**
[54] **SYSTEMES DE PROTECTION DE LENTILLE**
[72] HINES, ZACHARY, US
[72] DOHERTY, RYAN, US
[71] RIPCLEAR LLC, US
[85] 2018-02-05
[86] 2016-08-15 (PCT/US2016/047078)
[87] (WO2017/031073)
[30] US (14/828,408) 2015-08-17

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[21] **2,994,858**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTI-TIGIT ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-TIGIT ET METHODES D'UTILISATION**
[72] GROGAN, JANE L., US
[72] JOHNSTON, ROBERT J., US
[72] WU, YAN, US
[72] LIANG, WEI-CHING, US
[72] LUPARDUS, PATRICK, US
[72] YADAV, MAHESH, US
[72] SESHASAYEE, DHAYA, US
[72] HAZEN, MEREDITH, US
[71] GENENTECH, INC., US
[85] 2018-02-05
[86] 2016-09-23 (PCT/US2016/053368)
[87] (WO2017/053748)
[30] US (62/233,230) 2015-09-25
[30] US (62/369,299) 2016-08-01

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[21] **2,994,859**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/395 (2006.01) A61K 31/436 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS**
[54] **FORMULATIONS PHARMACEUTIQUES**
[72] BANAIT, NARINDER S., US
[72] GU, LEO, US
[71] VIVUS, INC., US
[85] 2018-02-05
[86] 2016-08-16 (PCT/US2016/047148)
[87] (WO2017/031105)
[30] US (62/207,324) 2015-08-19

---

[21] **2,994,860**
[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01) A61F 2/24 (2006.01) A61F 2/82 (2013.01) A61F 2/90 (2013.01)**
[25] EN
[54] **AORTIC REPLACEMENT VALVE**
[54] **VALVE DE REMPLACEMENT AORTIQUE**
[72] ZENG, MIN FRANK, US
[72] LO, PHAM, US
[71] VENUS MEDTECH (HANGZHOU), INC., CN
[85] 2018-02-05
[86] 2016-08-17 (PCT/US2016/047261)
[87] (WO2017/031155)
[30] US (14/828,234) 2015-08-17

---

[21] **2,994,862**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **MANIFOLD TRAILER HAVING A SINGLE HIGH PRESSURE OUTPUT MANIFOLD**
[54] **REMORQUE A COLLECTEUR COMPRENANT UN SEUL COLLECTEUR DE SORTIE HAUTE PRESSION**
[72] DILLE, MARK C., US
[72] JOHNSON, ANDREW J., US
[71] FORUM US, INC., US
[85] 2018-02-05
[86] 2016-10-26 (PCT/US2016/058764)
[87] (WO2017/078996)
[30] US (14/932,084) 2015-11-04

---

[21] **2,994,865**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 47/62 (2017.01) A61K 47/64 (2017.01) A61K 51/08 (2006.01) C07K 14/00 (2006.01) C07K 14/435 (2006.01) C07K 14/51 (2006.01)**
[25] EN
[54] **CARTILAGE-HOMING PEPTIDES**
[54] **PEPTIDES LOCALISANT LE CARTILAGE**
[72] OLSON, JAMES, US
[72] STRAND, ANDREW DAVID, US
[72] GIRARD, EMILY JUNE, US
[72] STRONG, ROLAND, US
[72] MEHLIN, CHRISTOPHER, US
[72] CORRENTI, COLIN, US
[72] NAIRN, NATALIE, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[71] BLAZE BIOSCIENCE, INC., US
[85] 2018-02-05
[86] 2016-09-09 (PCT/US2016/051166)
[87] (WO2017/044894)
[30] US (62/216,331) 2015-09-09
[30] US (62/278,929) 2016-01-14
[30] US (62/385,734) 2016-09-09

---

[21] **2,994,866**
[13] A1
[51] **Int.Cl. A61M 25/14 (2006.01) A61B 1/012 (2006.01)**
[25] EN
[54] **CATHETER SYSTEMS AND ENDOSCOPIC SYSTEMS WITH REDUCED BACKLASH**
[54] **SYSTEMES DE CATHETER ET SYSTEMES ENDOSCOPIQUES AVEC JEU REDUIT**
[72] KRZYZANOWSKI, JACEK, CA
[71] KRZYZANOWSKI, JACEK, CA
[85] 2018-02-06
[86] 2016-01-12 (PCT/CA2016/050026)
[87] (WO2016/115623)
[30] US (62/104,905) 2015-01-19

[21] **2,994,867**
[13] A1
[51] **Int.Cl. F16L 11/08 (2006.01) F16L 53/00 (2018.01)**
[25] EN
[54] **A METHOD OF TESTING AN UNBONDED FLEXIBLE PIPE**
[54] **PROCEDE D'ESSAI D'UN TUYAU SOUPLE NON LIE**
[72] GLEJBOL, KRISTIAN, DK
[72] EILERSEN, MICHAEL, DK
[72] STRAARUP, ANDERS, DK
[72] CAPPELN, CHRISTIAN DITLEV, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2018-02-05
[86] 2016-08-05 (PCT/DK2016/050260)
[87] (WO2017/025094)
[30] DK (PA 2015 70511) 2015-08-10

---

[21] **2,994,869**
[13] A1
[51] **Int.Cl. B23K 9/00 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **WELDING GUN WITH LOCKABLE ROTATION MECHANISM**
[54] **PISTOLET DE SOUDAGE DOTE D'UN MECANISME DE ROTATION VERROUILLABLE**
[72] GAGNON, MICHEL, CA
[71] HENLEX INC., CA
[85] 2018-02-06
[86] 2016-08-10 (PCT/CA2016/050931)
[87] (WO2017/024400)
[30] US (62/204,529) 2015-08-13

---

[21] **2,994,872**
[13] A1
[51] **Int.Cl. B01D 1/14 (2006.01) B01D 1/30 (2006.01) B01D 47/00 (2006.01) B01D 53/92 (2006.01) F22D 5/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR MANAGEMENT OF RAW WATER AND EMISSIONS UTILIZING HEAT AND/OR PRESSURE ENERGY WITHIN COMBUSTION GAS SOURCES**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR LA GESTION D'EAU BRUTE ET D'EMISSIONS A L'AIDE DE L'ENERGIE DE PRESSION ET/OU DE CHALEUR DANS DES SOURCES DE GAZ DE COMBUSTION**
[72] CURLETT, JOSHUA, CA
[72] WANLIN, HUGUES, CA
[71] CLEANTEK INDUSTRIES INC., CA
[85] 2018-02-06
[86] 2016-08-08 (PCT/CA2016/050929)
[87] (WO2017/024398)
[30] US (62/202,663) 2015-08-07

---

[21] **2,994,874**
[13] A1
[51] **Int.Cl. H04B 3/54 (2006.01) A47B 13/00 (2006.01) A47B 21/00 (2006.01) H04M 1/60 (2006.01) H04N 7/10 (2006.01)**
[25] EN
[54] **SYSTEMS FOR ENHANCING BOARDROOM TABLES TO INCLUDE USB TYPE-C POWER AND CONNECTIVITY FUNCTIONALITY**
[54] **SYSTEMES POUR AMELIORER DES TABLES DE SALLE DE REUNION DE MANIERE A COMPRENDRE UNE FONCTIONNALITE D'ALIMENTATION ET DE CONNECTIVE USB DE TYPE C**
[72] HUNDAL, SUKHDEEP SINGH, CA
[72] LEE, JULIAN, CA
[71] ICRON TECHNOLOGIES CORPORATION, CA
[85] 2018-02-06
[86] 2016-08-15 (PCT/CA2016/050960)
[87] (WO2017/027969)
[30] US (62/205,538) 2015-08-14

---

[21] **2,994,875**
[13] A1
[51] **Int.Cl. G06Q 20/16 (2012.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE ISSUING NOTIFICATION METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE NOTIFICATION D'EMISSION DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084696)
[87] (WO2017/012073)

---

[21] **2,994,876**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01) G07F 19/00 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND DEVICE FOR OPENING ELECTRONIC CERTIFICATE**
[54] **PROCEDE, SYSTEME ET DISPOSITIF POUR OUVRIR UN CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084599)
[87] (WO2017/012030)

---

[21] **2,994,878**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **METHOD, DEVICE, AND SYSTEM FOR DETERMINING ELECTRONIC CERTIFICATE RECIPIENT**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE DETERMINATION DE DESTINATAIRE DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084714)
[87] (WO2017/012076)

[21] **2,994,880**
[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01) A01G 9/02 (2018.01) A01G 13/00 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2018.01) B27N 3/20 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING ROOT MASS FROM VEGETABLE SEEDS AND ROOT MASS OBTAINED THEREOF**
[54] **PROCEDE D'OBTENTION D'UNE MASSE RADICULAIRE A PARTIR DE SEMENCES VEGETALES ET MASSE RADICULAIRE AINSI OBTENUE**
[72] GARCIA CASTELBLANCO, ROBERTO, CL
[71] GARCIA CASTELBLANCO, ROBERTO, CL
[85] 2018-02-06
[86] 2016-08-04 (PCT/CL2016/050046)
[87] (WO2017/024419)
[30] CL (2215-2015) 2015-08-07

---

[21] **2,994,881**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **ELECTRONIC CERTIFICATE PAYMENT METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE PAIEMENT DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084615)
[87] (WO2017/012034)

---

[21] **2,994,886**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SETTING CUMULATIVE EFFECTIVE PERIOD**
[54] **PROCEDE ET SYSTEME POUR L'ETABLISSEMENT DE PERIODE EFFECTIVE CUMULATIVE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084597)
[87] (WO2017/012028)

---

[21] **2,994,888**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMBINATIONS COMPRISING ANTI-FOLR1 IMMUNOCONJUGATES**
[54] **COMBINAISONS THERAPEUTIQUES COMPRENANT DES IMMUNOCONJUGUES ANTI-FOLR1**
[72] PONTE, JOSE, US
[72] PINKAS, JAN, US
[72] RUIZ-SOTO, RODRIGO R., US
[71] IMMUNOGEN, INC., US
[85] 2018-02-05
[86] 2016-09-16 (PCT/US2016/052231)
[87] (WO2017/049149)
[30] US (62/220,028) 2015-09-17
[30] US (62/242,669) 2015-10-16
[30] US (62/250,756) 2015-11-04

---

[21] **2,994,893**
[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATICALLY CONFIGURING PAYMENT CONDITIONS OF ELECTRONIC CERTIFICATE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE CONFIGURER AUTOMATIQUEMENT LES CONDITIONS DE PAIEMENT D'UN CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084598)
[87] (WO2017/012029)

---

[21] **2,994,895**
[13] A1
[51] **Int.Cl. C07D 487/22 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING PARP INHIBITOR, CRYSTALLINE FORMS, AND USES THEREOF**
[54] **PROCEDE DE PREPARATION D'INHIBITEUR DE PARP, FORMES CRISTALLINES ET LEURS UTILISATIONS**
[72] WANG, HEXIANG, CN
[72] ZHOU, CHANGYOU, US
[72] REN, BO, CN
[72] KUANG, XIANZHAO, CN
[71] BEIGENE, LTD., KY
[85] 2018-02-06
[86] 2016-08-22 (PCT/CN2016/096200)
[87] (WO2017/032289)
[30] CN (PCT/CN2015/088[illegible]03) 2015-08-25

---

[21] **2,994,898**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ISSUING ELECTRONIC CERTIFICATE**
[54] **PROCEDE ET SYSTEME D'EMISSION DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084655)
[87] (WO2017/012058)

---

[21] **2,994,901**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD, DEVICE, AND SYSTEM FOR WITHDRAWING ELECTRONIC CERTIFICATE APPLICATION**
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'ABANDON D'APPLICATION DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084656)
[87] (WO2017/012059)

[21] **2,994,905**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR OPENING ELECTRONIC CERTIFICATE**
[54] **PROCEDE, DISPOSITIF ET SYSTEME POUR OUVRIR UN CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-06
[86] 2015-07-21 (PCT/CN2015/084658)
[87] (WO2017/012061)

---

[21] **2,994,919**
[13] A1
[51] **Int.Cl. A61B 17/94 (2006.01) A61B 18/22 (2006.01) A61B 18/24 (2006.01) A61N 5/067 (2006.01)**
[25] EN
[54] **HANDHELD DEVICE FOR TREATING AN ARTERY AND METHOD THEREOF**
[54] **DISPOSITIF PORTATIF POUR TRAITER UNE ARTERE ET PROCEDE ASSOCIE**
[72] SINGH, AJOY I., IN
[71] SINGH, AJOY I., IN
[85] 2018-02-06
[86] 2016-08-02 (PCT/IN2016/050258)
[87] (WO2017/025982)
[30] IN (2993/MUM/2015) 2015-08-07

---

[21] **2,994,920**
[13] A1
[51] **Int.Cl. E04F 15/024 (2006.01) F16M 7/00 (2006.01) G06F 1/16 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **DOUBLE FLOOR MEMBER**
[54] **ELEMENT DE PLANCHER DOUBLE**
[72] KOBAYASHI, ATSUHIKO, JP
[72] SOGA, SUSUMU, JP
[71] HITACHI METALS TECHNO, LTD., JP
[85] 2018-02-06
[86] 2015-08-06 (PCT/JP2015/072434)
[87] (WO2017/022137)

---

[21] **2,994,921**
[13] A1
[51] **Int.Cl. H01Q 1/22 (2006.01) B60R 11/02 (2006.01) H01Q 1/18 (2006.01) H01Q 1/32 (2006.01)**
[25] EN
[54] **ANTENNA ATTACHMENT STRUCTURE AND DUMP TRUCK**
[54] **STRUCTURE DE FIXATION D'ANTENNE ET CAMION-BENNE**
[72] YUI, DAICHI, JP
[72] MORI, SHUNSUKE, JP
[71] KOMATSU LTD., JP
[85] 2018-02-06
[86] 2016-03-16 (PCT/JP2016/058413)
[87] (WO2017/158779)

---

[21] **2,994,922**
[13] A1
[51] **Int.Cl. H01Q 3/30 (2006.01) H01P 5/22 (2006.01) H01Q 11/08 (2006.01)**
[25] EN
[54] **DEMULTIPLEXER/MULTIPLEXER, ANTENNA DEVICE, AND FADING ELIMINATION METHOD**
[54] **MULTIPLEXEUR/DEMULTIPLEXEUR, DISPOSITIF D'ANTENNE ET PROCEDE D'ELIMINATION D'EVANOUISSEMENT**
[72] MORIGUCHI, TATSUJI, JP
[71] NEC CORPORATION, JP
[85] 2018-02-06
[86] 2016-08-02 (PCT/JP2016/003544)
[87] (WO2017/026107)
[30] JP (2015-156749) 2015-08-07

---

[21] **2,994,923**
[13] A1
[51] **Int.Cl. A45D 8/38 (2006.01) A41G 3/00 (2006.01) A45D 44/22 (2006.01)**
[25] EN
[54] **WIG FOUNDATION NET**
[54] **FILET DE BASE DE PERRUQUE**
[72] TOKUNAGA, TERUYUKI, JP
[72] KATAOKA, TAKASHI, JP
[72] YUHI, KAORI, JP
[71] ADERANS COMPANY LIMITED, JP
[85] 2018-02-06
[86] 2016-08-04 (PCT/JP2016/072999)
[87] (WO2017/026376)
[30] JP (2015-157436) 2015-08-07

---

[21] **2,994,924**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4427 (2006.01) A61K 31/443 (2006.01) A61K 31/4433 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/695 (2006.01) A61P 3/10 (2006.01) A61P 13/12 (2006.01) A61P 43/00 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07F 7/18 (2006.01)**
[25] EN
[54] **SUBSTITUTED GUANIDINE DERIVATIVES**
[54] **DERIVE DE GUANIDINE SUBSTITUE**
[72] KOMORI, KEN-ICHI, JP
[72] NINOMIYA, AKISHI, JP
[72] USHIYAMA, SHIGERU, JP
[72] SHINOHARA, MASARU, JP
[72] ITO, KOJI, JP
[72] KAWAGUCHI, TETSUO, JP
[72] TOKUNAGA, YASUNORI, JP
[72] KAWADA, HIROYOSHI, JP
[72] YAMADA, HARUKA, JP
[72] SHIRAISHI, YUSUKE, JP
[72] KOJIMA, MASAHIRO, JP
[72] ITO, MASAAKI, JP
[72] KIMURA, TOMIO, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2018-02-06
[86] 2016-08-05 (PCT/JP2016/073184)
[87] (WO2017/022861)
[30] JP (2015-156120) 2015-08-06
[30] JP (2015-210695) 2015-10-27

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[21] **2,994,925**
[13] A1
[51] **Int.Cl. A61K 31/47 (2006.01) A61K 31/357 (2006.01) A61K 31/664 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TUMOR THERAPEUTIC AGENT**
[54] **AGENT THERAPEUTIQUE POUR TUMEUR**
[72] OKAMOTO, KIYOSHI, JP
[72] MATSUI,JUNJI, JP
[72] DUTCUS, CORINA, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2018-02-06
[86] 2016-08-18 (PCT/JP2016/074090)
[87] (WO2017/030161)
[30] US (62/207546) 2015-08-20

[21] **2,994,926**
[13] A1
[51] **Int.Cl. B23K 26/346 (2014.01) B23K 26/21 (2014.01) B23K 11/11 (2006.01) B23K 28/02 (2014.01)**
[25] EN
[54] **LAP WELDING METHOD OF STEEL SHEET AND LAP WELD JOINT OF STEEL SHEET**
[54] **METHODE DE SOUDAGE PAR RECOUVREMENT DE TOLE METALLIQUE ET JOINT DE TOLE METALLIQUE SOUDE PAR RECOUVREMENT**
[72] FURUSAKO, SEIJI, JP
[72] OKADA, TOHRU, JP
[72] SATO, KOICHI, JP
[72] MIYAZAKI, YASUNOBU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-02-06
[86] 2016-09-16 (PCT/JP2016/077456)
[87] (WO2017/047752)
[30] JP (2015-182846) 2015-09-16

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[21] **2,994,927**
[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 51/08 (2006.01)**
[25] EN
[54] **HIGH AFFINITY PD-1 AGENTS AND METHODS OF USE**
[54] **AGENTS PD-1 A HAUTE AFFINITE ET PROCEDES D'UTILISATION**
[72] RING, AARON MICHAEL, US
[72] KRUSE, ANDREW, US
[72] MANGLIK, AASHISH, US
[72] WEISSMAN, IRVING L., US
[72] MAUTE, ROY LOUIS, US
[72] MCCRACKEN, MELISSA N., US
[72] GORDON, SYDNEY, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-02-06
[86] 2015-08-07 (PCT/US2015/044356)
[87] (WO2016/022994)
[30] US (62/035,316) 2014-08-08
[30] US (62/150,789) 2015-04-21

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[21] **2,994,929**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 31/7088 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **DEPDC1-DERIVED PEPTIDE AND VACCINE CONTAINING SAME**
[54] **PEPTIDE DERIVE DU DEPDC1 ET VACCIN LE CONTENANT**
[72] YAMASHITA, SACHIKO, JP
[72] HIKICHI, TETSURO, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
[85] 2018-02-06
[86] 2016-08-10 (PCT/JP2016/073522)
[87] (WO2017/026503)
[30] JP (2015-159291) 2015-08-12
[30] JP (2015-165779) 2015-08-25

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[21] **2,994,932**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **IMPROVING FAULT DETECTABILITY THROUGH CONTROLLER RECONFIGURATION**
[54] **AMELIORATION DE LA DETECTABILITE DE DEFAUTS PAR RECONFIGURATION DE DISPOSITIF DE COMMANDE**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-06
[86] 2015-10-22 (PCT/US2015/056962)
[87] (WO2017/069766)

---

[21] **2,994,933**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/62 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **CARRIER-FREE TREATMENT PARTICULATES FOR USE IN SUBTERRANEAN FORMATIONS**
[54] **PARTICULES DE TRAITEMENT SANS SUPPORT POUR UNE UTILISATION DANS DES FORMATIONS SOUTERRAINES**
[72] WEI, FANG, US
[72] KRISHNAMURTHY, PUSHKALA, US
[72] JIANG, YING CONG, US
[72] ACOSTA, ERICK J., US
[72] STEPHENS, WALTER T., US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2018-02-06
[86] 2015-10-29 (PCT/US2015/058078)
[87] (WO2017/074393)

---

[21] **2,994,935**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 38/16 (2006.01) A61K 47/42 (2017.01) C07K 14/435 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **SIRP POLYPEPTIDE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE POLYPEPTIDE SIRP ET PROCEDES D'UTILISATION**
[72] RING, AARON MICHAEL, US
[72] MAUTE, ROY LOUIS, US
[72] KRUSE, ANDREW CURTIS, US
[72] MANGLIK, AASHISH, US
[72] LIN, KENNETH S., US
[71] AB INITIO BIOTHERAPEUTICS, INC., US
[85] 2018-02-06
[86] 2016-05-17 (PCT/US2016/032921)
[87] (WO2016/187226)
[30] US (62/163,282) 2015-05-18
[30] US (62/266,450) 2015-12-11

[21] **2,994,942**
[13] A1
[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/00 (2006.01) A61B 5/0478 (2006.01) A61N 1/05 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **CARBON FIBER OPTRODES FOR MAGNETIC RESONANCE IMAGING COMPATIBLE OPTOGENETICS**
[54] **OPTODES A FIBRES DE CARBONE POUR OPTOGENETIQUE COMPATIBLE AVEC L'IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] LEE, JIN HYUNG, US
[72] DUFFY, BEN A., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-02-06
[86] 2016-07-20 (PCT/US2016/043179)
[87] (WO2017/015395)
[30] US (62/195,260) 2015-07-21

---

[21] **2,994,943**
[13] A1
[51] **Int.Cl. A61K 38/08 (2006.01) A61P 7/08 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **HEMICHANNEL EXTRACELLULAR-DOMAIN SPECIFIC AGENTS FOR TREATING SEPSIS**
[54] **AGENTS SPECIFIQUES DU DOMAINE EXTRACELLULAIRE DE L'HEMICANAL POUR TRAITEMENT DE LA SEPTICEMIE**
[72] WANG, HAICHAO, US
[72] LI, WEI, US
[72] TRACEY, KEVIN J., US
[72] WANG, PING, US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
[85] 2018-02-06
[86] 2016-08-03 (PCT/US2016/045284)
[87] (WO2017/023997)
[30] US (62/201,759) 2015-08-06

---

[21] **2,994,948**
[13] A1
[51] **Int.Cl. C12P 7/40 (2006.01) C12N 1/21 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **BIOSYNTHESIS OF POLYKETIDES**
[54] **BIOSYNTHESE DE POLYCETIDES**
[72] GONZALEZ, RAMON, US
[72] CHEONG, SEOKJUNG, US
[72] CLOMBURG, JAMES M., US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2018-02-06
[86] 2016-08-01 (PCT/US2016/045037)
[87] (WO2017/020043)
[30] US (62/198,764) 2015-07-30

---

[21] **2,994,950**
[13] A1
[51] **Int.Cl. H01Q 9/26 (2006.01) H01Q 1/50 (2006.01) H01Q 21/26 (2006.01)**
[25] EN
[54] **OMNI-DIRECTIONAL TELEVISION ANTENNA WITH WIFI RECEPTION CAPABILITY**
[54] **ANTENNE DE TELEVISION OMNIDIRECTIONNELLE AVEC CAPACITE DE RECEPTION WIFI**
[72] TINAPHONG, PRAPAN PAUL, US
[72] RINEHART, JAMES K., US
[72] HUNG, CHUNG HUA, TW
[71] VOXX INTERNATIONAL CORPORATION, US
[85] 2018-02-06
[86] 2016-08-04 (PCT/US2016/045545)
[87] (WO2017/082977)
[30] US (62/254,012) 2015-11-11

---

[21] **2,994,951**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **ANTIGEN BINDING CONSTRUCTS TO TARGET MOLECULES**
[54] **CONSTRUCTIONS DE LIAISON D'ANTIGENE SE LIANT A DES MOLECULES CIBLES**
[72] CHAN, CHIO MUI, US
[72] GUDAS, JEAN, US
[72] OLAFSEN, TOVE, US
[72] SATPAYEV, DAULET KADYL, US
[72] TORGOV, MICHAEL YURI, US
[71] IMAGINAB, INC., US
[85] 2018-02-06
[86] 2016-08-04 (PCT/US2016/045580)
[87] (WO2017/027325)
[30] US (62/202,665) 2015-08-07

---

[21] **2,994,952**
[13] A1
[51] **Int.Cl. A61K 31/424 (2006.01) A61K 31/4353 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **METHODS OF SEDATION AND PARENTERAL FORMULATION FOR USE DURING CRITICAL CARE TREATMENT**
[54] **METHODES DE SEDATION ET COMPOSITION PARENTERALE POUR UTILISATION EN SOINS INTENSIFS**
[72] DURING, MATTHEW, US
[72] KAZANCHYAN, ANNA, US
[71] OVID THERAPEUTICS INC., US
[85] 2018-02-06
[86] 2016-08-02 (PCT/US2016/045094)
[87] (WO2017/027249)
[30] US (62/203,731) 2015-08-11
[30] US (62/203,748) 2015-08-11
[30] US (14/834,027) 2015-08-24
[30] US (15/185,650) 2016-06-17

[21] **2,994,953**
[13] A1
[51] **Int.Cl. C02F 1/48 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **TREATING LIQUIDS WITH ELECTROMAGNETIC FIELDS**
[54] **TRAITEMENT DE LIQUIDES PAR DES CHAMPS ELECTROMAGNETIQUES**
[72] HUGHES, PATRICK J., US
[72] FRASER, DESMOND A., US
[72] NIK, HOSSEIN GHAFFARI, US
[72] MCMURRAY, RICHARD B., US
[72] GRANDY, SHELLEY MARIE, US
[72] ABERRA, AKREM HASSEN ADEM, US
[71] REVERSE IONIZER SYSTEMS LLC, US
[85] 2018-02-06
[86] 2016-08-05 (PCT/US2016/045691)
[87] (WO2017/024196)
[30] US (14/820,550) 2015-08-06
[30] US (14/821,604) 2015-08-07

---

[21] **2,994,959**
[13] A1
[51] **Int.Cl. A61L 24/10 (2006.01) A61L 24/00 (2006.01)**
[25] EN
[54] **ADHESIVE COMPOSITIONS AND RELATED METHODS**
[54] **COMPOSITIONS ADHESIVES ET PROCEDES ASSOCIES**
[72] ERICSON, DANIEL GRANT, US
[72] BRANDY, KYLE ROBERT, US
[71] XCEDE TECHNOLOGIES, INC., US
[85] 2018-02-06
[86] 2016-08-05 (PCT/US2016/045780)
[87] (WO2017/027378)
[30] US (62/202,707) 2015-08-07
[30] US (14/821,625) 2015-08-07
[30] US (14/983,396) 2015-12-29
[30] US (62/369,989) 2016-08-02

---

[21] **2,994,963**
[13] A1
[51] **Int.Cl. A47F 1/00 (2006.01) A47F 1/04 (2006.01) A47F 5/00 (2006.01) A47F 7/00 (2006.01)**
[25] EN
[54] **PRODUCT DISPLAY ASSEMBLY**
[54] **ENSEMBLE DE PRESENTATION DE PRODUIT**
[72] RILEY, DANIEL C., US
[72] CAMELLO, ANTHONY, US
[71] DISPLAY TECHNOLOGIES, LLC, US
[85] 2018-02-06
[86] 2016-08-08 (PCT/US2016/045964)
[87] (WO2017/024295)
[30] US (62/201,797) 2015-08-06

---

[21] **2,994,968**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY**
[54] **PROCEDES D'IDENTIFICATION DE L'ETAT DE FERTILITE MASCULINE ET DE LA QUALITE DES ECHANTILLONS**
[72] CARRELL, DOUGLAS T., US
[72] CAIRNS, BRADLEY, US
[72] ASTON, KENNETH I., US
[72] JENKINS, TIMOTHY, US
[72] SMITH, ANDREW DAVID, US
[72] UREN, PHILIP JAMES, US
[72] HORSAGER, ALAN, US
[71] THE UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[71] THE UNIVERSITY OF SOUTHERN CALIFORNIA RESEARCH FOUNDATION, US
[71] EPISONA, INC., US
[85] 2018-02-06
[86] 2016-08-08 (PCT/US2016/046060)
[87] (WO2017/024311)
[30] US (62/201,907) 2015-08-06

---

[21] **2,994,971**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATED TO LONG HALF-LIFE COAGULATION COMPLEXES**
[54] **PROCEDES ET COMPOSITIONS SE RAPPORTANT A DES COMPLEXES DE COAGULATION DE DEMIE-VIE LONGUE**
[72] KELLY, JAMES, US
[71] CELL MACHINES, INC., US
[85] 2018-02-06
[86] 2016-08-10 (PCT/US2016/046264)
[87] (WO2017/027545)
[30] US (62/203,973) 2015-08-12

---

[21] **2,994,973**
[13] A1
[51] **Int.Cl. F16M 11/06 (2006.01) E04H 12/18 (2006.01) E04H 12/34 (2006.01) F16L 27/08 (2006.01) F21V 21/26 (2006.01) F21V 21/36 (2006.01)**
[25] EN
[54] **"MECHANISM FOR LOWERING A POLE"**
[54] **MECANISME PERMETTANT D'ABAISSER UN PYLONE**
[72] PANNEKOEK, ROBERT, AU
[72] PANNEKOEK, PETER, AU
[71] SWIVELPOLE PATENT PTY LTD., AU
[85] 2018-02-07
[86] 2016-08-10 (PCT/AU2016/050723)
[87] (WO2017/024348)
[30] AU (2015903211) 2015-08-11

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[21] **2,994,975**
[13] A1
[51] **Int.Cl. C07C 2/64 (2006.01) C07C 2/66 (2006.01) C07C 69/612 (2006.01) C07C 69/614 (2006.01)**
[25] EN
[54] **SYNTHESIS OF ARYL COMPOUNDS**
[54] **SYNTHESE DE COMPOSES ARYLE**
[72] BOULOS, RAMIZ, AU
[72] FEUTRILL, JOHN, AU
[71] BOULOS & COOPER PHARMACEUTICALS PTY LTD, AU
[85] 2018-02-07
[86] 2016-08-08 (PCT/AU2016/095003)
[87] (WO2017/027933)
[30] AU (2015903284) 2015-08-14

[21] **2,994,977**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **NETWORK TRANSACTION-BASED REFILL METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE RECHARGE PAR TRANSACTION DE RESEAU**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-07
[86] 2015-07-21 (PCT/CN2015/084733)
[87] (WO2017/012077)

[21] **2,994,980**
[13] A1
[51] **Int.Cl. A61L 2/238 (2006.01) A61L 27/14 (2006.01) A61L 27/30 (2006.01) A61L 27/32 (2006.01) A61L 27/34 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COATING COMPOSITION WITH IMPROVED YELLOWING RESISTANCE**
[54] **COMPOSITION DE REVETEMENT ANTIMICROBIEN DOTE D'UNE RESISTANCE AU JAUNISSEMENT AMELIOREE**
[72] CHEN, JUNYU, CN
[72] WANG, TAO, CN
[72] CUI, LONGLAN, CN
[72] WANG, TAO, AU
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-02-07
[86] 2015-08-13 (PCT/CN2015/086838)
[87] (WO2017/024580)

[21] **2,994,987**
[13] A1
[51] **Int.Cl. C07C 65/34 (2006.01) A61K 31/122 (2006.01) A61K 31/192 (2006.01) A61K 31/222 (2006.01) C07C 66/02 (2006.01)**
[25] EN
[54] **DIACEREIN OR ITS ANALOGS FOR INHIBITING EXPRESSION OF ASC, NLRP3, AND/OR FORMATION OF NLRP3 INFLAMMASOME COMPLEX**
[54] **DIACEREINE OU SES ANALOGUES POUR INHIBITION DE L'EXPRESSION DES PROTEINES ASC ET NLRP3, ET/OU DE LA FORMATION DU COMPLEXE DE L'INFLAMMASOME NLRP3**
[72] BROWN, CARL OSCAR, III, US
[72] CHEN, CHIH-KUANG, TW
[72] LEE, JING-YI, TW
[72] LU, WEI-SHU, TW
[71] TWI BIOTECHNOLOGY, INC., TW
[85] 2018-02-06
[86] 2016-08-17 (PCT/US2016/047272)
[87] (WO2017/031161)
[30] US (62/206,102) 2015-08-17

[21] **2,994,988**
[13] A1
[51] **Int.Cl. H01M 10/48 (2006.01) G01F 23/24 (2006.01) G01R 31/36 (2006.01) H01M 2/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWERING A DEVICE USED IN CONJUNCTION WITH A WET CELL BATTERY**
[54] **SYSTEME ET PROCEDE POUR ALIMENTER UN DISPOSITIF UTILISE CONJOINTEMENT AVEC UN ACCUMULATEUR MOUILLE**
[72] CAMPAU, DANIEL N., US
[71] FLOW-RITE CONTROLS, LTD., US
[85] 2018-02-06
[86] 2016-09-08 (PCT/US2016/050704)
[87] (WO2017/044579)
[30] US (62/216,642) 2015-09-10

[21] **2,994,990**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) B29C 45/14 (2006.01) B60J 1/17 (2006.01)**
[25] EN
[54] **COMPOSITE GLASS PANE WITH A MOUNTING HOLE**
[54] **PANNEAU DE VERRE EN COMPOSITE DOTE D'UN TROU D'INSTALLATION**
[72] UEBELACKER, STEFAN, DE
[72] KOTTE, ROLF, DE
[72] VON AVENARIUS, WOLFGANG, DE
[72] PARIJ, GERRY R., US
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-02-07
[86] 2016-02-17 (PCT/EP2016/053337)
[87] (WO2017/084767)
[30] US (62/256,658) 2015-11-17

[21] **2,995,001**
[13] A1
[51] **Int.Cl. B01J 23/882 (2006.01) B01J 23/883 (2006.01) B01J 31/04 (2006.01) B01J 31/12 (2006.01) B01J 37/08 (2006.01) C10G 45/08 (2006.01)**
[25] EN
[54] **STABILIZATION OF BULK CATALYSTS WITH ORGANO-METALLOXANE FRAMEWORK**
[54] **STABILISATION DE CATALYSEURS EN VRAC AVEC STRUCTURE ORGANO-METALLOXANE**
[72] CUNNINGHAM, MAJOSEFINA, US
[72] GOLIAS, JASON M., US
[72] BAI, CHUANSHENG, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-02-06
[86] 2016-08-22 (PCT/US2016/048003)
[87] (WO2017/052879)
[30] US (62/222,327) 2015-09-23

[21] **2,995,005**
[13] A1
[51] **Int.Cl. B65B 5/10 (2006.01)**
[25] EN
[54] **RESERVOIR CONTAINER FOR A SUPPLY AND DISPENSING STATION FOR MEDICATION**
[54] **RECIPIENT DE STOCKAGE POUR UNE STATION DE STOCKAGE ET DE DISTRIBUTION DE MEDICAMENTS**
[72] SCHMIDT-ELLINGER, HARDY, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2018-02-07
[86] 2016-09-05 (PCT/EP2016/070868)
[87] (WO2017/063788)
[30] EP (15189306.2) 2015-10-12

---

[21] **2,995,016**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) B60S 1/08 (2006.01) H01R 13/73 (2006.01)**
[25] EN
[54] **VEHICLE COMPOSITE PANE WITH AN INTEGRATED LIGHT SENSOR**
[54] **PANNEAU EN COMPOSITE DESTINE A UN VEHICULE ET DOTE D'UN CAPTEUR DE LUMIERE INTEGRE**
[72] EFFERTZ, CHRISTIAN, DE
[72] SCHMALBUCH, KLAUS, DE
[72] WOHLFEIL, DIRK, BE
[72] DUERKOP, DETLEV, DE
[72] SCHWINGES, GUIDO, DE
[72] ZEISS, MICHAEL, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-02-07
[86] 2016-11-14 (PCT/EP2016/077536)
[87] (WO2017/097537)
[30] EP (15198195.8) 2015-12-07

---

[21] **2,995,019**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **COMPRESSED SENSING HIGH RESOLUTION FUNCTIONAL MAGNETIC RESONANCE IMAGING**
[54] **IMAGERIE PAR RESONANCE MAGNETIQUE A HAUTE RESOLUTION ET ACQUISITION COMPRIMEE**
[72] LEE, JIN HYUNG, US
[72] FANG, ZHONGNAN, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-02-06
[86] 2016-08-30 (PCT/US2016/049508)
[87] (WO2017/040538)
[30] US (62/212,335) 2015-08-31

---

[21] **2,995,024**
[13] A1
[51] **Int.Cl. A23C 9/12 (2006.01)**
[25] EN
[54] **CHEESE PRODUCTS WITH ADDED MODIFIED PYRODEXTRINS**
[54] **PRODUITS FROMAGERS AVEC ADJONCTION DE PYRODEXTRINES MODIFIEES**
[72] HEIGIS, JOHN, US
[72] KLEMASZEWSKI, JOSEPH, US
[71] CARGILL, INCORPORATED, US
[85] 2018-02-06
[86] 2016-08-31 (PCT/US2016/049574)
[87] (WO2017/040577)
[30] US (62/212,271) 2015-08-31
[30] US (62/237,263) 2015-10-05

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[21] **2,995,026**
[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING POROSITY ASSOCIATED WITH ORGANIC MATTER IN A WELL OR FORMATION**
[54] **PROCEDE POUR DETERMINER LA POROSITE ASSOCIEE A LA MATIERE ORGANIQUE DANS UN PUITS OU UNE FORMATION**
[72] WALLS, JOEL, US
[72] MORCOTE, ANYELA, US
[72] MU, YAOMING, US
[72] GANZ, MARCUS, US
[71] INGRAIN, INC., US
[85] 2018-02-06
[86] 2016-09-06 (PCT/US2016/050340)
[87] (WO2017/048545)
[30] US (62/219,363) 2015-09-16

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[21] **2,995,034**
[13] A1
[51] **Int.Cl. B60R 7/00 (2006.01)**
[25] EN
[54] **REMOVABLE CONTAINER FOR A VEHICLE**
[54] **CONTENANT AMOVIBLE POUR VEHICULE**
[72] SIMARD, MIKHAEL, CA
[72] VEILLETTE, STEPHANE, CA
[72] BERNIER, DANY, CA
[72] PROULX, DAVE, CA
[72] TANDRUP, MATT, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2018-02-07
[86] 2015-09-18 (PCT/IB2015/057218)
[87] (WO2017/017508)
[30] US (62/198,874) 2015-07-30

[21] **2,995,039**
[13] A1
[51] **Int.Cl. B60K 13/04 (2006.01) B60K 15/03 (2006.01)**
[25] EN
[54] **ELECTRIC HEATER DEVICE, IN PARTICULAR FOR VEHICLES**
[54] **DISPOSITIF DE CHAUFFAGE ELECTRIQUE, EN PARTICULIER POUR VEHICULES**
[72] BARBANO, ALBERTO, IT
[72] BIZZARRO, MARCO, IT
[72] ZORZETTO, MAURO, IT
[72] PIZZI, MARCO, IT
[72] MERLANO, PIERCARLO, IT
[71] ELTEK S.P.A., IT
[85] 2018-02-07
[86] 2016-10-31 (PCT/IB2016/056558)
[87] (WO2017/077447)
[30] IT (102015000070052) 2015-11-06

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[21] **2,995,046**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 35/17 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C07K 19/00 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **ANTIBODY**
[54] **ANTICORPS**
[72] HOSEN, NAOKI, JP
[72] SUGIYAMA, HARUO, JP
[72] KUMANOGOH, ATSUSHI, JP
[72] TAKAGI, JUNICHI, JP
[71] OSAKA UNIVERSITY, JP
[85] 2018-02-07
[86] 2016-08-02 (PCT/JP2016/072688)
[87] (WO2017/026331)
[30] JP (2015-159240) 2015-08-11

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[21] **2,995,048**
[13] A1
[51] **Int.Cl. B62D 25/04 (2006.01) B60J 5/00 (2006.01) B60R 19/18 (2006.01)**
[25] EN
[54] **STEEL SHEET MEMBER COMBINATION STRUCTURE, AUTOMOTIVE STRUCTURAL MEMBER, CENTER PILLAR, BUMPER, AND DOOR BEAM**
[54] **STRUCTURE COMBINEE D'ELEMENTS EN TOLE D'ACIER, ELEMENT STRUCTUREL POUR AUTOMOBILE, COLONNE CENTRALE, PARE-CHOCS, ET POUTRE DE PORTE**
[72] HAMADA, KOICHI, JP
[72] ONO, ATSUSHI, JP
[72] ITO, YASUNORI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-02-07
[86] 2016-08-19 (PCT/JP2016/074241)
[87] (WO2017/030191)
[30] JP (2015-163063) 2015-08-20

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[21] **2,995,052**
[13] A1
[51] **Int.Cl. A61K 31/708 (2006.01) A61K 31/403 (2006.01) A61K 31/415 (2006.01) A61K 31/426 (2006.01) A61K 31/444 (2006.01) A61K 31/522 (2006.01) A61K 45/00 (2006.01) A61P 7/06 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **INTRACELLULAR ATP ENHANCER**
[54] **AGENT D'AMELIORATION D'ATP INTRACELLULAIRE**
[72] NISHINO, TAKESHI, JP
[72] KAMATANI, NAOYUKI, JP
[71] STAGEN CO., LTD., JP
[85] 2018-02-07
[86] 2016-08-24 (PCT/JP2016/074644)
[87] (WO2017/033963)
[30] JP (2015-166372) 2015-08-26

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[21] **2,995,056**
[13] A1
[51] **Int.Cl. B23K 9/23 (2006.01) B23K 9/02 (2006.01) B23K 31/00 (2006.01) C22C 38/00 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **METHOD FOR WELDING AUSTENITIC STAINLESS STEEL SHEETS**
[54] **PROCEDE DE SOUDAGE DE TOLES D'ACIER INOXYDABLE AUSTENITIQUE**
[72] FUJIMURA, YOSHITOMO, JP
[72] IMAKAWA, KAZUNARI, JP
[72] YAMAMOTO, OSAMU, JP
[72] OKU, MANABU, JP
[72] HAYAKAWA, ISAMU, JP
[72] SHICHI, HIROAKI, JP
[72] NARUSE, YOSHIHIDE, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2018-02-07
[86] 2016-08-30 (PCT/JP2016/075349)
[87] (WO2017/043374)
[30] JP (2015-176734) 2015-09-08

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[21] **2,995,058**
[13] A1
[51] **Int.Cl. H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 4/96 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **GAS DIFFUSION ELECTRODE AND METHOD FOR PRODUCING SAME**
[54] **ELECTRODE A DIFFUSION GAZEUSE ET SON PROCEDE DE FABRICATION**
[72] HASHIMOTO, MASARU, JP
[72] WAKATABE, MICHIO, JP
[72] KATO, SHO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-02-07
[86] 2016-09-09 (PCT/JP2016/076603)
[87] (WO2017/047515)
[30] JP (2015-184816) 2015-09-18

[21] **2,995,061**
[13] A1
[51] **Int.Cl. E21D 11/10 (2006.01) E04B 1/16 (2006.01) E21D 11/38 (2006.01)**
[25] EN
[54] **FIRE-RESISTANT ELEMENT FOR COVERING A CONCRETE SURFACE**
[54] **ELEMENT RESISTANT AU FEU POUR RECOUVRIR UNE SURFACE EN BETON**
[72] DE VRIES, BART, NL
[72] BOOT, MARTIN, NL
[72] KUIPER, HERMAN, NL
[71] PROMAT B.V., NL
[85] 2018-02-07
[86] 2016-10-28 (PCT/NL2016/050750)
[87] (WO2017/074190)
[30] NL (2015688) 2015-10-29

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[21] **2,995,063**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01) F03D 80/00 (2016.01) F03D 7/04 (2006.01)**
[25] EN
[54] **ROTOR BLADE SHAPED TO ENHANCE WAKE DIFFUSION**
[54] **PALE DE ROTOR PROFILEE DE MANIERE A AUGMENTER LA DIFFUSION DU SILLAGE**
[72] KNAUER, ANDREAS, NO
[71] STATOIL ASA, NO
[85] 2018-02-07
[86] 2016-06-10 (PCT/NO2016/050125)
[87] (WO2016/200277)
[30] GB (1510113.2) 2015-06-10

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[21] **2,995,066**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **WELLBORE ISOLATION DEVICE WITH SLIP ASSEMBLY**
[54] **DISPOSITIF D'ISOLATION DE PUITS DE FORAGE A ENSEMBLE COIN DE RETENUE**
[72] SCHMIDT, DANIEL LEE, US
[72] OGLE, BRIAN KEITH, US
[72] ROSEMAN, MATT BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-07
[86] 2015-09-22 (PCT/US2015/051465)
[87] (WO2017/052510)

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[21] **2,995,069**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/62 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **ENHANCING COMPLEX FRACTURE GEOMETRY IN SUBTERRANEAN FORMATIONS**
[54] **AMELIORATION DE RESEAUX DE FRACTURES COMPLEXES DANS DES FORMATIONS SOUTERRAINES**
[72] NGUYEN, PHILIP D., US
[72] LAHMAN, MATTHEW LEWIS, US
[72] HAMPTON, JESSE CLAY, US
[72] MARTYSEVICH, VLADIMIR NIKOLAYEVICH, US
[72] PERSAC, STEPHEN BYRNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-07
[86] 2015-09-23 (PCT/US2015/051602)
[87] (WO2017/052524)

---

[21] **2,995,071**
[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01) C12N 1/20 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR TREATMENT AND PROPHYLAXIS OF INTESTINAL INFECTION AND INFLAMMATION**
[54] **COMPOSITION ET PROCEDE POUR LE TRAITEMENT ET LA PROPHYLAXIE D'INFECTION ET D'INFLAMMATION INTESTINALE**
[72] AGHAIBEIK-LAVASANI, SHAHRAM, SE
[72] NOURI, MEHRNAZ, SE
[71] IMMUNEBIOTECH MEDICAL SWEDEN AB, SE
[85] 2018-02-07
[86] 2016-08-23 (PCT/SE2016/050787)
[87] (WO2017/034460)
[30] SE (1551099-3) 2015-08-25

---

[21] **2,995,073**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 47/12 (2012.01) F04B 49/00 (2006.01)**
[25] EN
[54] **MUD PUMP STROKE DETECTION USING DISTRIBUTED ACOUSTIC SENSING**
[54] **DETECTION DE COURSE DE POMPE A BOUE A L'AIDE DE DETECTION ACOUSTIQUE DISTRIBUEE**
[72] SKINNER, NEAL GREGORY, US
[72] ELLMAUTHALER, ANDREAS, BR
[72] NUNES, LEONARDO DE OLIVEIRA, BR
[72] STOKELY, CHRISTOPHER LEE, US
[72] BARFOOT, DAVID ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-07
[86] 2015-10-29 (PCT/US2015/057949)
[87] (WO2017/074374)

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[21] **2,995,076**
[13] A1
[51] **Int.Cl. E02D 9/04 (2006.01)**
[25] EN
[54] **PILE REMOVAL SYSTEM**
[54] **SYSTEME D'EXTRACTION DE PIEUX**
[72] MIMOUNI, NABIL, US
[72] WILLS, RONNIE WAYNE, II, US
[71] MIMOUNI, NABIL, US
[71] WILLS, RONNIE WAYNE, II, US
[85] 2018-02-07
[86] 2016-07-07 (PCT/US2016/041351)
[87] (WO2017/007946)
[30] US (62/189,594) 2015-07-07

[21] **2,995,082**
[13] A1
[51] **Int.Cl. C10G 19/067 (2006.01) C10G 19/073 (2006.01) C10G 29/04 (2006.01) C10G 45/02 (2006.01) C25C 3/02 (2006.01)**
[25] EN
[54] **PROCESSING ALKALI METAL-SULFIDE OR ALKALINE EARTH METAL-SULFIDE TO OBTAIN THE ALKALI METAL OR ALKALINE EARTH METAL**
[54] **TRAITEMENT DE METAL ALCALIN-SULFURE OU DE METAL ALCALINO-TERREUX-SULFURE POUR OBTENIR LE METAL ALCALIN OU LE METAL ALCALINO-TERREUX**
[72] JOSHI, ASHOK V., US
[71] TECHNOLOGY HOLDING, LLC, US
[85] 2017-11-16
[86] 2016-05-24 (PCT/US2016/033919)
[87] (WO2016/191421)
[30] US (62/166,086) 2015-05-25
[30] US (62/174,106) 2015-06-11
[30] US (62/198,910) 2015-07-30

[21] **2,995,084**
[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01) A61K 49/06 (2006.01) C07D 273/00 (2006.01) C07F 15/00 (2006.01) C07F 15/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING MACROCYCLE DERIVATIVES INCORPORATING BRIDGED MACROCYCLES AND METHODS OF PRODUCING AND USING SAME**
[54] **COMPOSITIONS COMPRENANT DES DERIVES DE MACROCYCLES CONTENANT DES MACROCYCLES PONTES ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CELLES-CI**
[72] HUBIN, TIMOTHY J., US
[72] KHAN, M.O. FARUK, US
[72] ARCHIBALD, STEPHEN JAMES, GB
[72] TEKWANI, BABU LAL, US
[71] SOUTHWESTERN OKLAHOMA STATE UNIVERSITY, US
[71] UNIVERSITY OF HULL, GB
[71] UNIVERSITY OF MISSISSIPPI, US
[85] 2018-02-07
[86] 2016-07-20 (PCT/US2016/043165)
[87] (WO2017/030728)
[30] US (62/206,023) 2015-08-17

[21] **2,995,088**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/02 (2006.01) C12Q 1/24 (2006.01)**
[25] EN
[54] **FLUIDIC DEVICES INCORPORATING FUNCTIONAL MUSCLE TISSUE AND METHODS OF USE**
[54] **DISPOSITIFS FLUIDIQUES CONTENANT DU TISSU MUSCULAIRE FONCTIONNEL ET PROCEDES D'UTILISATION**
[72] PARKER, KEVIN KIT, US
[72] NAWROTH, JANNA C., US
[72] KUJALA, VILLE, US
[72] SHRIVATS, ARUN R., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-02-07
[86] 2016-08-05 (PCT/US2016/045813)
[87] (WO2017/027390)
[30] US (62/202,213) 2015-08-07

[21] **2,995,090**
[13] A1
[51] **Int.Cl. H01L 23/495 (2006.01) C03B 29/00 (2006.01) H01L 23/48 (2006.01) H02B 1/00 (2006.01)**
[25] EN
[54] **MOLDED BODY AND ELECTRICAL DEVICE HAVING A MOLDED BODY FOR HIGH VOLTAGE APPLICATIONS**
[54] **CORPS MOULE ET DISPOSITIF ELECTRIQUE COMPORTANT UN CORPS MOULE DESTINE A DES APPLICATIONS HAUTE TENSION**
[72] GLENN, DARIN, US
[71] VISHAY DALE ELECTRONICS, LLC, US
[85] 2018-02-07
[86] 2016-08-04 (PCT/US2016/045534)
[87] (WO2017/027315)
[30] US (62/202,580) 2015-08-07

[21] **2,995,093**
[13] A1
[51] **Int.Cl. C07D 231/10 (2006.01) C07C 279/16 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING NEURODEGENERATIVE DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT ET DE PREVENTION DE TROUBLES NEURODEGENERATIFS**
[72] KOCIS, PETR, US
[72] TOLAR, MARTIN, US
[72] HEY, JOHN, US
[71] ALZHEON, INC., US
[85] 2018-02-07
[86] 2016-08-10 (PCT/US2016/046336)
[87] (WO2017/027582)
[30] US (62/203,256) 2015-08-10

[21] **2,995,094**
[13] A1
[51] **Int.Cl. A61K 31/415 (2006.01) A61K 31/425 (2006.01) C07D 231/14 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **USE OF CRAC CHANNEL INHIBITORS FOR THE TREATMENT OF STROKE AND TRAUMATIC BRAIN INJURY**
[54] **UTILISATION D'INHIBITEURS DU CANAL CRAC POUR LE TRAITEMENT D'UN ACCIDENT VASCULAIRE CEREBRAL ET D'UNE LESION CEREBRALE TRAUMATIQUE**
[72] STAUDERMAN, KENNETH, US
[72] DUNN, MICHAEL, US
[72] HEBBAR, SUDARSHAN, US
[72] YENARI, MIDORI, US
[72] KACIMI, RACHID, US
[71] CALCIMEDICA, INC., US
[71] VA MEDICAL CENTER, US
[85] 2018-02-07
[86] 2016-08-05 (PCT/US2016/045846)
[87] (WO2017/027400)
[30] US (62/202,751) 2015-08-07

[21] **2,995,100**
[13] A1
[51] **Int.Cl. H01S 3/067 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL PUMP LIGHT FIBER FOR ENERGY TRANSFER TO A CLADDING PUMPED FIBER**
[54] **FIBRE A LUMIERE DE POMPE BIDIRECTIONNELLE POUR LE TRANSFERT D'ENERGIE VERS UNE FIBRE POMPEE DE REVETEMENT**
[72] PO, HONG, US
[71] PO, HONG, US
[85] 2018-02-07
[86] 2016-08-12 (PCT/US2016/046902)
[87] (WO2017/027849)
[30] US (62/204,143) 2015-08-12

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[21] **2,995,103**
[13] A1
[51] **Int.Cl. A61K 38/03 (2006.01) C12N 5/0783 (2010.01) A61P 35/02 (2006.01) C07K 16/00 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **IDENTIFICATION OF CLASS I MHC ASSOCIATED GLYCOPEPTIDES AS TARGETS FOR CANCER IMMUNOTHERAPY**
[54] **IDENTIFICATION DE GLYCOPEPTIDES ASSOCIES A MHC DE CATEGORIE I COMME CIBLES D'IMMUNOTHERAPIE DE CANCER**
[72] HUNT, DONALD F., US
[72] SHABANOWITZ, JEFFREY, US
[72] MALAKER, STACY A., US
[72] COBBOLD, MARK, US
[72] PENNY, SARAH, GB
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[71] UNIVERSITY OF BIRMINGHAM, GB
[85] 2018-02-07
[86] 2016-08-05 (PCT/US2016/045852)
[87] (WO2017/027403)
[30] US (62/202,359) 2015-08-07

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[21] **2,995,105**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **DIGITAL CURRENCY AND A SYSTEM AND METHOD FOR TRANSFERRING VALUE USING THE DIGITAL CURRENCY**
[54] **DEVISE NUMERIQUE, AINSI QUE SYSTEME ET PROCEDE PERMETTANT DE TRANSFERER UNE VALEUR A L'AIDE DE LA DEVISE NUMERIQUE**
[72] ROSAMILIA, STEVEN, US
[71] INTERNATIONAL MONETARY EXCHANGE LTD., IE
[71] ROSAMILIA, STEVEN, US
[85] 2018-02-07
[86] 2016-08-12 (PCT/US2016/046769)
[87] (WO2017/027801)
[30] US (62/204,083) 2015-08-12

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[21] **2,995,107**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **NEEDLE GUARD**
[54] **GAINE D'AIGUILLE**
[72] BRUGGER, JAMES M., US
[72] PIERSON, CHRISTOPHER D., US
[72] ALFORD, STEVEN C., US
[71] NXSTAGE MEDICAL, INC., US
[85] 2018-02-07
[86] 2016-08-05 (PCT/US2016/045885)
[87] (WO2017/027413)
[30] US (62/202,792) 2015-08-08

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[21] **2,995,109**
[13] A1
[51] **Int.Cl. A61K 39/205 (2006.01) C07K 16/08 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **HUMAN ANTIBODIES AGAINST RABIES AND USES THEREOF**
[54] **ANTICORPS HUMAINS DIRIGES CONTRE LA RAGE ET UTILISATIONS DE CES DERNIERS**
[72] THOMAS, WILLIAM D., JR., US
[72] WANG, YANG, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-02-07
[86] 2016-08-12 (PCT/US2016/046774)
[87] (WO2017/027805)
[30] US (62/204,894) 2015-08-13

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[21] **2,995,112**
[13] A1
[51] **Int.Cl. E21B 31/18 (2006.01) E21B 25/02 (2006.01)**
[25] EN
[54] **OVERSHOT ASSEMBLY AND SYSTEMS AND METHODS OF USING SAME**
[54] **ENSEMBLE CLOCHE DE REPECHAGE ET SES SYSTEMES ET PROCEDES D'UTILISATION**
[72] DRENTH, CHRISTOPHER L., CA
[72] LACHANCE, ANTHONY, CA
[71] BLY IP, INC., US
[85] 2018-02-07
[86] 2016-08-18 (PCT/US2016/047499)
[87] (WO2017/031283)
[30] US (62/206,556) 2015-08-18

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[21] **2,995,114**
[13] A1
[51] **Int.Cl. A61N 7/00 (2006.01)**
[25] EN
[54] **IMAGE GUIDED FOCUSED ULTRASOUND TREATMENT DEVICE AND AIMING APPARATUS**
[54] **DISPOSITIF DE TRAITEMENT PAR ULTRASONS FOCALISES GUIDE PAR IMAGERIE ET APPAREIL DE VISEE**
[72] HANANEL, ARI, US
[72] AGINSKY, RON, IL
[72] MEDAN, YOAV, IL
[72] SALOMON, ODED, IL
[72] KEILMAN, GEORGE, US
[71] FUSMOBILE INC., US
[85] 2018-02-07
[86] 2016-08-10 (PCT/US2016/046328)
[87] (WO2017/027577)
[30] US (62/203,114) 2015-08-10
[30] US (62/238,263) 2015-10-07
[30] US (62/333,896) 2016-05-10

[21] **2,995,120**
[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01)**
[25] EN
[54] **METHODS OF USING INTERLEUKIN-10 FOR TREATING DISEASES AND DISORDERS**
[54] **PROCEDES D'UTILISATION DE L'INTERLEUKINE-10 POUR LE TRAITEMENT DE MALADIES ET DE TROUBLES**
[72] MUMM, JOHN BRIAN, US
[72] CHAN, IVAN HO, US
[71] ARMO BIOSCIENCES, INC., US
[85] 2018-02-07
[86] 2016-08-24 (PCT/US2016/048399)
[87] (WO2017/035232)
[30] US (62/209,500) 2015-08-25

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[21] **2,995,122**
[13] A1
[51] **Int.Cl. B01D 37/02 (2006.01) B01D 39/06 (2006.01) B01D 41/02 (2006.01) B01J 20/10 (2006.01) B01J 20/14 (2006.01) C12H 1/048 (2006.01)**
[25] EN
[54] **REGENERATED MEDIA USEFUL IN THE TREATMENT OF FERMENTED LIQUIDS**
[54] **MILIEUX REGENERES UTILES DANS LE TRAITEMENT DE LIQUIDES FERMENTES**
[72] PALM, SCOTT K., US
[72] WANG, QUN, US
[71] EP MINERALS, LLC, US
[85] 2018-02-07
[86] 2016-09-01 (PCT/US2016/049975)
[87] (WO2017/040837)
[30] US (62/213,473) 2015-09-02

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[21] **2,995,127**
[13] A1
[51] **Int.Cl. B25J 13/08 (2006.01) B25J 15/04 (2006.01) B66F 9/22 (2006.01)**
[25] EN
[54] **CLAMP HAVING A LOAD-CLAMPING HYDRAULIC CYLINDER WITH MULTIPLE TELESCOPICALLY EXTENSIBLE STAGES ADAPTED TO APPLY LOAD CLAMPING FORCE ALTERNATIVELY RESPONSIVE TO LOAD-LIFTING FORCEOR LOAD SIZE**
[54] **DISPOSITIF DE SERRAGE AYANT UN VERIN HYDRAULIQUE DE SERRAGE DE CHARGE AVEC DE MULTIPLES ETAGES EXTENSIBLES DE MANIERE TELESCOPIQUE APTES A APPLIQUER UNE FORCE DE SERRAGE DE CHARGE ALTERNATIVEMENT REACTIVE A UNE FORCE DE LEVAGE DE CHARGE OU A UNE TAILLE DE CHARGE**
[72] RUNNING, BRENT G., US
[71] CASCADE CORPORATION, US
[85] 2018-02-07
[86] 2016-12-30 (PCT/US2016/069362)
[87] (WO2017/171957)
[30] US (15/088,401) 2016-04-01

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[21] **2,995,131**
[13] A1
[51] **Int.Cl. G02F 1/1333 (2006.01) E06B 9/26 (2006.01) G02F 1/1343 (2006.01)**
[25] EN
[54] **LC MODULATOR DEVICES BASED ON NON-UNIFORM ELECTRODE STRUCTURES**
[54] **DISPOSITIFS DE MODULATEUR A CRISTAUX LIQUIDES BASES SUR DES STRUCTURES D'ELECTRODE NON UNIFORMES**
[72] GALSTIAN, TIGRAN, CA
[71] UNIVERSITE LAVAL, CA
[85] 2018-02-08
[86] 2015-08-24 (PCT/CA2015/050808)
[87] (WO2016/026055)
[30] US (62/040,995) 2014-08-22

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[21] **2,995,132**
[13] A1
[51] **Int.Cl. A61K 31/365 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **APPLICATION OF DIMETHYLAMINO MICHELIOLIDE**
[54] **UTILISATION DE DIMETHYLAMINO MICHELIOLIDE**
[72] SUN, TAO, CN
[72] CHEN, YUE, CN
[72] YANG, CHENG, CN
[72] ZHOU, HONGGANG, CN
[72] LIU, HUIJUAN, CN
[72] LIU, YANRONG, CN
[72] WANG, JING, CN
[72] ZHANG, CHENGYU, CN
[72] ZHANG, QIANG, CN
[72] ZHANG, XIANGMING, CN
[72] QIN, YUAN, CN
[72] JING, XUESHUANG, CN
[71] TIANJIN INTERNATIONAL JOINT ACADEMY OF BIOTECHNOLOGY & MEDICINE, CN
[71] ACCENDATECH, CN
[85] 2018-02-08
[86] 2016-01-28 (PCT/CN2016/072445)
[87] (WO2017/128163)

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[21] **2,995,142**
[13] A1
[51] **Int.Cl. A47L 15/50 (2006.01)**
[25] EN
[54] **WASHING BASKET ASSEMBLY AND TRAY ASSEMBLY FOR DISH-WASHING MACHINE AND DISH-WASHING MACHINE**
[54] **ENSEMBLE PANIER DE LAVAGE ET ENSEMBLE PLATEAU UTILISES POUR MACHINE A LAVER A CUVE, ET MACHINE A LAVER A CUVE,**
[72] CAO, HONGKUI, CN
[72] LI, MINGFENG, CN
[72] GAO, FENG, CN
[71] FOSHAN SHUNDE MIDEA WASHING APPLIANCES MFG. CO., LTD., CN
[85] 2018-02-08
[86] 2016-01-04 (PCT/CN2016/070046)
[87] (WO2017/028478)
[30] CN (201510510769.2) 2015-08-19
[30] CN (201520628226.6) 2015-08-19

[21] **2,995,156**
[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01) C12N 15/866 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR FABRICATING SYNTHETIC DRAGLINE SPIDER SILK**
[54] **COMPOSITIONS ET PROCEDES DE FABRICATION DE SOIE DE FIL DE TRAINE D'ARAIGNEE SYNTHETIQUE**
[72] ITTAH, SHMULIK, IL
[72] SHIMEL, MENI, IL
[72] GAT, URI, IL
[71] SEEVIX MATERIAL SCIENCES LTD., IL
[85] 2018-02-08
[86] 2016-08-10 (PCT/IL2016/050874)
[87] (WO2017/025964)
[30] US (62/203,102) 2015-08-10
[30] US (62/293,880) 2016-02-11
[30] US (62/317,572) 2016-04-03

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[21] **2,995,157**
[13] A1
[51] **Int.Cl. H04N 21/44 (2011.01) H04N 21/8358 (2011.01) G06F 21/16 (2013.01)**
[25] EN
[54] **BROADCAST SYSTEM WITH A WATERMARK PAYLOAD**
[54] **SYSTEME DE RADIODIFFUSION A CHARGE UTILE DE FILIGRANE NUMERIQUE**
[72] NG, SHEAU, US
[72] MISRA, KIRAN, US
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-02-08
[86] 2016-08-12 (PCT/JP2016/003737)
[87] (WO2017/029804)
[30] US (62/207,352) 2015-08-19
[30] US (62/266,535) 2015-12-11
[30] US (62/268,495) 2015-12-16
[30] US (62/277,896) 2016-01-12
[30] US (62/310,645) 2016-03-18

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[21] **2,995,160**
[13] A1
[51] **Int.Cl. B60G 3/20 (2006.01) B60G 7/02 (2006.01)**
[25] EN
[54] **MOUNTING STRUCTURE FOR SUSPENSION ARM, AND WORKING VEHICLE**
[54] **STRUCTURE DE MONTAGE POUR BRAS DE SUSPENSION, ET VEHICULE DE TRAVAIL**
[72] SASAKI, TAIGA, JP
[71] KOMATSU LTD., JP
[85] 2018-02-08
[86] 2016-03-16 (PCT/JP2016/058415)
[87] (WO2017/158780)

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[21] **2,995,163**
[13] A1
[51] **Int.Cl. B60P 1/04 (2006.01)**
[25] EN
[54] **DUMP TRUCK**
[54] **CAMION-BENNE**
[72] YUI, DAICHI, JP
[71] KOMATSU LTD., JP
[85] 2018-02-08
[86] 2016-03-16 (PCT/JP2016/058416)
[87] (WO2017/158781)

---

[21] **2,995,166**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ANTIBODY**
[54] **ANTICORPS**
[72] HOSEN, NAOKI, JP
[72] SUGIYAMA, HARUO, JP
[72] KUMANOGOH, ATSUSHI, JP
[71] OSAKA UNIVERSITY, JP
[85] 2018-02-08
[86] 2016-08-09 (PCT/JP2016/073503)
[87] (WO2017/026497)
[30] JP (2015-158414) 2015-08-10

---

[21] **2,995,168**
[13] A1
[51] **Int.Cl. C04B 20/00 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **ENCAPSULATED AGENT AND CONSTRUCTIONAL OBJECT**
[54] **FORMULATION ENCAPSULEE ET STRUCTURE**
[72] NODA, KAZUYUKI, JP
[72] HOMMA, MASATOSHI, JP
[72] AKIMOTO, KENSAKU, JP
[72] SHINANO, HIROKATSU, JP
[71] ADEKA CORPORATION, JP
[85] 2018-02-08
[86] 2016-08-26 (PCT/JP2016/074986)
[87] (WO2017/034022)
[30] JP (2015-167126) 2015-08-26

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[21] **2,995,170**
[13] A1
[51] **Int.Cl. C21C 5/52 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING STEEL IN AN ELECTRIC ARC FURNACE**
[54] **PROCEDE DE FUSION D'ACIER DANS UN FOUR A ARC ELECTRIQUE**
[72] DOROFEEV, GENRIKH ALEKSEEVICH, RU
[72] YANTOVSKY, PAVEL RUDOLFOVICH, RU
[72] SMIRNOV, KONSTANTIN GENNADIEVICH, RU
[71] DOROFEEV, GENRIKH ALEKSEEVICH, RU
[85] 2018-02-08
[86] 2016-07-25 (PCT/RU2016/000476)
[87] (WO2017/026918)
[30] RU (2015133714) 2015-08-10

[21] **2,995,188**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/496 (2006.01) A61K 31/501 (2006.01) A61P 13/10 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **PIPERAZINE DERIVATIVE**
[54] **DERIVE DE PIPERAZINE**
[72] SUGANE, TAKASHI, JP
[72] MAKINO, TAKUYA, JP
[72] YAMASHITA, DAISUKE, JP
[72] YONETOKU, YASUHIRO, JP
[72] TANABE, DAISUKE, JP
[72] MIHARA, HISASHI, JP
[72] ASAI, NORIO, JP
[72] OSODA, KAZUHIKO, JP
[72] SHIMIZU, TAKAFUMI, JP
[72] MORITOMO, HIROYUKI, JP
[72] SUGASAWA, KEIZO, JP
[72] MAENO, KYOICHI, JP
[72] HOSOGAI, NAOMI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2018-02-05
[86] 2016-08-02 (PCT/JP2016/072569)
[87] (WO2017/022733)
[30] JP (2015-154601) 2015-08-04

[21] **2,995,193**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61M 1/16 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **STEERABLE ASPIRATION CATHETER SYSTEM**
[54] **SYSTEME DE CATHETER D'ASPIRATION ORIENTABLE**
[72] LAUB, GLENN W., US
[71] TDL INNOVATIONS, LLC, US
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046431)
[87] (WO2017/027639)
[30] US (62/204,089) 2015-08-12

[21] **2,995,194**
[13] A1
[51] **Int.Cl. B23B 3/26 (2006.01) B23B 5/16 (2006.01) B23D 21/04 (2006.01)**
[25] EN
[54] **CUTTING TOOL FOR A LARGE DIAMETER TRAVELLING PIPE CUTTER**
[54] **OUTIL DE COUPE POUR COUPE-TUBE MOBILE A GRAND DIAMETRE**
[72] PIERCE, KENNETH R., US
[72] GIBERMAN, ALEXANDER S., US
[72] GEARHART, MICHAEL W., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046416)
[87] (WO2017/027630)
[30] US (62/203,382) 2015-08-10

[21] **2,995,199**
[13] A1
[51] **Int.Cl. G06Q 20/34 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACTIVATING ACCOUNT CARD FUNCTIONS BASED ON PHYSICAL DEVICE INTERACTIONS**
[54] **SYSTEMES ET PROCEDES D'ACTIVATION DES FONCTIONS D'UNE CARTE DE COMPTE EN SE BASANT SUR DES INTERACTION AVEC UN DISPOSITIF PHYSIQUE**
[72] STERN, MATTHEW, US
[72] TANIGUCHI, MAKIKO, US
[72] MAKOSKI, DAN, US
[72] YANG, LIN, US
[72] CEPRESS, CARL, US
[72] ANDERSON, AUSTIN, US
[72] DEPERRO, JASON, US
[71] STERN, MATTHEW, US
[71] TANIGUCHI, MAKIKO, US
[71] MAKOSKI, DAN, US
[71] YANG, LIN, US
[71] CEPRESS, CARL, US
[71] ANDERSON, AUSTIN, US
[71] DEPERRO, JASON, US
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046234)
[87] (WO2017/027534)
[30] US (62/203,042) 2015-08-10

[21] **2,995,203**
[13] A1
[51] **Int.Cl. F16F 7/12 (2006.01) F16F 1/373 (2006.01) F16F 1/374 (2006.01) F16F 1/376 (2006.01) F16F 9/04 (2006.01)**
[25] EN
[54] **SHOCK ABSORBERS FOR PROTECTIVE BODY GEAR**
[54] **AMORTISSEURS POUR DISPOSITIFS DE PROTECTION CORPORELLE**
[72] LAMSON, KYLE, US
[71] XENITH, LLC, US
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046326)
[87] (WO2017/027576)
[30] US (62/203,755) 2015-08-11

[21] **2,995,204**
[13] A1
[51] **Int.Cl. G01N 33/487 (2006.01) G01N 33/49 (2006.01) G01N 33/53 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **BIO/CHEMICAL ASSAY DEVICES AND METHODS FOR SIMPLIFIED STEPS, SMALL SAMPLES, ACCELERATED SPEED, AND EASE-OF-USE**
[54] **DISPOSITIFS ET PROCEDES DE DOSAGES BIOCHIMIQUES POUR DES APPLICATIONS A ETAPES SIMPLIFIEES, SUR PETITS ECHANTILLONS, A VITESSE ACCELEREE ET FACILES A UTILISER**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[71] ESSENLIX CORP., US
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046437)
[87] (WO2017/027643)
[30] US (62/202,989) 2015-08-10
[30] US (62/218,455) 2015-09-14
[30] US (62/293,188) 2016-02-09
[30] US (62/305,123) 2016-03-08
[30] US (62/369,181) 2016-07-31

[21] **2,995,206**
[13] A1
[51] **Int.Cl. C08L 33/26 (2006.01) A61L 27/26 (2006.01) A61L 27/34 (2006.01) A61L 27/52 (2006.01) C08L 75/04 (2006.01) C08L 101/14 (2006.01)**
[25] EN
[54] **INTERPENETRATING POLYMER NETWORKS**
[54] **RESEAUX POLYMERES INTERPENETRANTS**
[72] KOURTIS, LAMPROS, US
[72] MYUNG, DAVID, US
[72] KOURTIS, IRAKLIS, US
[71] HYALEX ORTHOPAEDICS, INC., US
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046350)
[87] (WO2017/027590)
[30] US (62/202,921) 2015-08-10

[21] **2,995,208**
[13] A1
[51] **Int.Cl. A43B 1/00 (2006.01) A43B 3/02 (2006.01) A43B 3/04 (2006.01) A43B 5/00 (2006.01) A43B 5/04 (2006.01) A43B 5/16 (2006.01) A43B 19/00 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **BOOTIES AND FOOTWEAR ASSEMBLIES COMPRISING SEAMLESS EXTENSIBLE FILM, AND METHODS THEREFOR**
[54] **ENSEMBLES DE GARNITURE INTERIEURE ET D'ARTICLE CHAUSSANT COMPRENANT UN FILM EXTENSIBLE SANS JOINTURE ET PROCEDES CORRESPONDANTS**
[72] BACINO, JOHN E., US
[72] CLOUGH, NORMAN E., US
[72] COLLAZO, ORLANDO, US
[72] NABERNIK, STANE, DE
[72] SHELLEY, FRANZ J., US
[72] WOLFRUM, HEIKE, DE
[72] ZAGGL, ALEXANDER, DE
[71] W. L. GORE & ASSOCIATES, INC., US
[71] W.L. GORE & ASSOCIATES GMBH, DE
[85] 2018-02-08
[86] 2016-08-12 (PCT/US2016/046847)
[87] (WO2017/027826)
[30] US (62/204,758) 2015-08-13

[21] **2,995,209**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/017 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **ELECTROMAGNETICALLY TRANSMISSIVE DIRECTIONAL ANTENNA SHIELD**
[54] **BLINDAGE D'ANTENNE DIRECTIONNELLE A TRANSMISSION ELECTROMAGNETIQUE**
[72] MA, JIN, SG
[72] DONDERICI, BURKAY, US
[72] WILSON, GLENN ANDREW, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-08
[86] 2015-10-12 (PCT/US2015/055077)
[87] (WO2017/065722)

[21] **2,995,210**
[13] A1
[51] **Int.Cl. A61K 49/06 (2006.01) C07F 13/00 (2006.01)**
[25] EN
[54] **MANGANESE-BASED CHELATE CONJUGATES FOR MOLECULAR MR IMAGING**
[54] **CONJUGUES CHELATES A BASE DE MANGANESE POUR L'IMAGERIE PAR RESONANCE MAGNETIQUE MOLECULAIRE**
[72] GALE, ERIC M., US
[72] CARAVAN, PETER, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2018-02-08
[86] 2016-08-12 (PCT/US2016/046874)
[87] (WO2017/027834)
[30] US (62/204,519) 2015-08-13
[30] US (62/356,732) 2016-06-30

[21] **2,995,212**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **CELL SURFACE COUPLING OF NANOPARTICLES**
[54] **COUPLAGE DE NANOPARTICULES A LA SURFACE CELLULAIRE**
[72] ZHENG, YIRAN, US
[72] IRVINE, DARRELL J., US
[72] TANG, LI, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] ZHENG, YIRAN, US
[85] 2018-02-08
[86] 2016-08-12 (PCT/US2016/046891)
[87] (WO2017/027843)
[30] US (62/204,337) 2015-08-12

[21] **2,995,213**
[13] A1
[51] **Int.Cl. A61K 31/02 (2006.01) A61K 9/107 (2006.01) A61M 5/178 (2006.01) A61P 7/08 (2006.01) B02C 19/18 (2006.01)**
[25] EN
[54] **ADJUSTING PARTICLE SIZE IN FLUOROCARBON NANOEMULSIONS**
[54] **AJUSTEMENT DE TAILLE DE PARTICULE DANS DES NANO-EMULSIONS D'HYDROCARBURE FLUORE**
[72] UNGER, EVAN C., US
[72] MARTINELLI, EDMUND, US
[71] NUVOX PHARMA LLC, US
[85] 2018-02-08
[86] 2016-08-15 (PCT/US2016/047019)
[87] (WO2017/031051)
[30] US (62/205,586) 2015-08-14

[21] **2,995,215**
[13] A1
[51] **Int.Cl. A61B 5/0464 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING AND TREATING ARRHYTHMIA AND CARDIAC FUNCTION VIA THE INTRINSIC CARDIAC NERVOUS SYSTEM**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ET DE TRAITEMENT DE L'ARRHYTHMIE ET DU FONCTIONNEMENT CARDIAQUE PAR LE SYSTEME NERVEUX CARDIAQUE INTRINSEQUE**
[72] SHIVKUMAR, KALYANAM, US
[72] ARDELL, JEFFREY L., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-02-08
[86] 2016-04-21 (PCT/US2016/028591)
[87] (WO2016/172309)
[30] US (62/150,463) 2015-04-21

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[21] **2,995,216**
[13] A1
[51] **Int.Cl. A47K 3/00 (2006.01) A47K 3/28 (2006.01) A47K 3/40 (2006.01) E03F 5/04 (2006.01)**
[25] EN
[54] **WALL MOUNTED SHOWER DRAIN**
[54] **EVACUATION DE DOUCHE MONTEE SUR PAROI**
[72] ERLEBACH, JOSEF, US
[71] QD HOLDINGS I LLC, US
[85] 2018-02-08
[86] 2016-08-16 (PCT/US2016/047153)
[87] (WO2017/031107)
[30] US (62/207,218) 2015-08-19

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[21] **2,995,221**
[13] A1
[51] **Int.Cl. A01C 1/00 (2006.01) A01N 25/00 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SEED TREATMENT APPLICATIONS**
[54] **PROCEDES ET SYSTEMES POUR DES APPLICATIONS DE TRAITEMENT DE SEMENCES**
[72] DAMMEN, MICHAEL, US
[72] DANIELS, JEFFREY LEE, US
[72] GEIGLE, WILLIAM L., US
[72] SEABA, RANDY, US
[72] MCCAFFERY, SEAN FULLER, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-02-08
[86] 2016-08-23 (PCT/US2016/048218)
[87] (WO2017/035152)
[30] US (62/209,179) 2015-08-24

---

[21] **2,995,222**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C12P 21/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **STABLE ANTI-IFNAR1 FORMULATION**
[54] **FORMULATION ANTI-IFNAR1 STABLE**
[72] DEPAZ, ROBERTO, US
[72] DEJESUS, NATALIE, US
[72] BEE, JARED, US
[71] MEDIMMUNE, LLC, US
[85] 2018-02-08
[86] 2016-08-18 (PCT/US2016/047506)
[87] (WO2017/031288)
[30] US (62/207,164) 2015-08-19

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[21] **2,995,225**
[13] A1
[51] **Int.Cl. C23C 16/04 (2006.01) A61J 1/05 (2006.01) A61L 31/08 (2006.01) C23C 16/30 (2006.01) C23C 16/40 (2006.01) C23C 16/515 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL AND OTHER PACKAGING WITH LOW OXYGEN TRANSMISSION RATE**
[54] **CONDITIONNEMENT PHARMACEUTIQUE ET AUTRE PRESENTANT UN FAIBLE TAUX DE TRANSMISSION D'OXYGENE**
[72] WILLS, MATTHEW, US
[72] TAHA, AHMAD, US
[72] WEIKART, CHRISTOPHER, US
[71] SIO2 MEDICAL PRODUCTS, INC., US
[85] 2018-02-08
[86] 2016-08-18 (PCT/US2016/047622)
[87] (WO2017/031354)
[30] US (62/206,637) 2015-08-18

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[21] **2,995,228**
[13] A1
[51] **Int.Cl. G01D 5/34 (2006.01)**
[25] EN
[54] **OPTICAL PROFILER AND METHODS OF USE THEREOF**
[54] **PROFILEUR OPTIQUE ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] REECE, JOHN BROOKS, US
[72] MUNRO, JAMES F., US
[71] ADCOLE CORPORATION, US
[85] 2018-02-08
[86] 2016-08-22 (PCT/US2016/048060)
[87] (WO2017/035080)
[30] US (62/208,093) 2015-08-21

[21] **2,995,231**
[13] A1
[51] **Int.Cl. A01H 3/00 (2006.01) A01H 5/02 (2018.01)**
[25] EN
[54] **PENTAS PLANT HAVING A NOVEL TRAILING GROWTH HABIT**
[54] **PLANTE DU GENRE PENTAS AYANT UNE NOUVELLE TENDANCE A UNE CROISSANCE RAMPANTE**
[72] LEE, JAEMIN, US
[72] JANDREW, JASON, US
[72] EDMONDSON, AMY, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-02-08
[86] 2016-09-06 (PCT/US2016/050362)
[87] (WO2017/048547)
[30] US (62/219,878) 2015-09-17

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[21] **2,995,234**
[13] A1
[51] **Int.Cl. A01N 59/20 (2006.01) A01N 43/653 (2006.01) A01N 63/00 (2006.01)**
[25] EN
[54] **CROP PRODUCT DEVELOPMENT AND SEED TREATMENTS**
[54] **MISE AU POINT DE PRODUITS VEGETAUX ET TRAITEMENTS DES SEMENCES**
[72] CARSTENS, KERI, US
[72] COCHRAN, ALEX, US
[72] HAEGELE, JASON, US
[72] MITCHELL, STEVEN, US
[72] O'BRYAN, KEITH A., US
[72] REISINGER, MARK, US
[72] TOAPANTA, MARCO, US
[72] TREPANIER, ANDRE, US
[72] PASZKIEWICZ, STEVEN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-02-08
[86] 2016-08-23 (PCT/US2016/048231)
[87] (WO2017/035161)
[30] US (62/209,318) 2015-08-24

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[21] **2,995,240**
[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01) A61F 2/14 (2006.01) A61F 2/16 (2006.01) A61F 9/00 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **OCULAR IMPLANT WITH PRESSURE SENSOR AND DELIVERY SYSTEM**
[54] **IMPLANT OCULAIRE AYANT UN CAPTEUR DE PRESSION ET UN SYSTEME D'ADMINISTRATION**
[72] VAN METER, DAVID THEODORE, US
[72] GALT, KENNETH M., US
[71] IVANTIS, INC., US
[85] 2018-02-08
[86] 2016-08-12 (PCT/US2016/046652)
[87] (WO2017/030917)
[30] US (62/205,588) 2015-08-14

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[21] **2,995,245**
[13] A1
[51] **Int.Cl. B23D 21/04 (2006.01) B23B 1/00 (2006.01) B23B 5/08 (2006.01) B23B 5/14 (2006.01) B23B 5/16 (2006.01)**
[25] EN
[54] **CRASH RESISTANT TRIP FOR A PIPE MACHINING APPARATUS**
[54] **DECLENCHEUR RESISTANT AUX CHOCS POUR TUYAU POUR UN APPAREIL D'USINAGE**
[72] COAKLEY, ROY C., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-08
[86] 2016-08-12 (PCT/US2016/046690)
[87] (WO2017/027776)
[30] US (62/204,203) 2015-08-12

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[21] **2,995,246**
[13] A1
[51] **Int.Cl. B62D 33/00 (2006.01) B62D 21/03 (2006.01) B62D 33/02 (2006.01) B62D 65/16 (2006.01)**
[25] EN
[54] **FRAME-TO-BED ASSEMBLY**
[54] **ENSEMBLE DE LIAISON STRUCTURE-CHASSIS**
[72] CASALI, FRANK NICK, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2018-02-08
[86] 2016-08-29 (PCT/US2016/049218)
[87] (WO2017/040381)
[30] US (62/211,167) 2015-08-28

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[21] **2,995,251**
[13] A1
[51] **Int.Cl. F16L 53/00 (2018.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR CONTROLLING THE TEMPERATURE OF A FLUID IN AN UNBONDED FLEXIBLE PIPE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE REGULER LA TEMPERATURE D'UN FLUIDE DANS UN TUYAU SOUPLE NON LIE**
[72] GLEJBOL, KRISTIAN, DK
[72] HJORTH, MICHAEL, DK
[72] ANDERSEN, BO ASP MOLLER, DK
[72] WEPPENAAR, NICKY, DK
[72] CAPPELN, CHRISTIAN DITLEV, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2018-02-09
[86] 2016-08-05 (PCT/DK2016/050261)
[87] (WO2017/025095)
[30] DK (PA 2015 70512) 2015-08-10

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[21] **2,995,255**
[13] A1
[51] **Int.Cl. F23D 14/10 (2006.01) F23C 3/00 (2006.01)**
[25] EN
[54] **A TWIRLING FLAME HEATER**
[54] **DISPOSITIF DE CHAUFFAGE A FLAMME TOURNOYANTE**
[72] HUANG, XUEFENG, CN
[71] WELL TRAVELED IMPORTS., INC. D/B/A/ WELL TRAVELED LIVING, US
[85] 2018-02-08
[86] 2016-12-20 (PCT/US2016/067858)
[87] (WO2018/013165)
[30] CN (201620726927.8) 2016-07-11
[30] US (15/298,562) 2016-10-20

[21] **2,995,257**
[13] A1
[51] **Int.Cl. F16L 33/01 (2006.01) F16L 11/127 (2006.01) F16L 53/00 (2018.01)**
[25] EN
[54] **AN ASSEMBLY COMPRISING AN END-FITTING AND AN UNBONDED FLEXIBLE PIPE**
[54] **ENSEMBLE COMPRENANT UN EMBOUT ET UN TUYAU FLEXIBLE NON LIE**
[72] HOLST, THORSTEN, DK
[72] STRAARUP, ANDERS, DK
[72] LARSEN, TOM, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2018-02-09
[86] 2016-08-05 (PCT/DK2016/050262)
[87] (WO2017/025096)
[30] DK (PA 2015 70513) 2015-08-10

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[21] **2,995,264**
[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) G06F 19/00 (2018.01) H01H 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF CONTROLLING SUPPLY OF ELECTRICAL POWER**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE FOURNITURE D'ENERGIE ELECTRIQUE**
[72] SALERNO, ANTHONY, AU
[71] WIREBUTTER PTY LTD, AU
[85] 2018-02-09
[86] 2015-08-18 (PCT/AU2015/000492)
[87] (WO2016/025981)
[30] AU (2014903220) 2014-08-18
[30] US (62/072,926) 2014-10-30

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[21] **2,995,268**
[13] A1
[51] **Int.Cl. G05B 19/19 (2006.01) B23Q 41/02 (2006.01) B25J 9/18 (2006.01)**
[25] EN
[54] **COMPUTER NUMERICAL CONTROL ASSEMBLY OR PROCESSING OF COMPONENTS**
[54] **ASSEMBLAGE OU TRAITEMENT DE COMPOSANTS PAR COMMANDE NUMERIQUE INFORMATIQUE**
[72] ALMAS, ROBERT DAVID, CA
[72] MUNROE, PHILIP DAVID, CA
[72] NICHOLSON, KENNETH WAYNE, CA
[72] SMITH, MARTIN GEORGE, CA
[71] TRANSFORMIX ENGINEERING INC., CA
[85] 2018-02-09
[86] 2015-08-12 (PCT/CA2015/000460)
[87] (WO2016/023101)
[30] US (62/036,305) 2014-08-12

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[21] **2,995,270**
[13] A1
[51] **Int.Cl. F28F 3/14 (2006.01) F26B 3/084 (2006.01) F26B 17/00 (2006.01) F28D 9/00 (2006.01)**
[25] EN
[54] **INDIRECT-HEAT THERMAL PROCESSING OF BULK SOLIDS**
[54] **TRAITEMENT THERMIQUE PAR CHALEUR INDIRECTE DE SOLIDES EN VRAC**
[72] BYMAN, ASHLEY D., CA
[71] SOLEX THERMAL SCIENCE INC., CA
[85] 2018-02-09
[86] 2015-08-13 (PCT/CA2015/050770)
[87] (WO2017/024374)

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[21] **2,995,272**
[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01) B65D 90/48 (2006.01) G01F 17/00 (2006.01) G01F 23/00 (2006.01)**
[25] EN
[54] **VOLUME MEASUREMENT APPARATUS**
[54] **APPAREIL DE MESURE DE VOLUME**
[72] GILLETT, NICHOLAS ROSS, AU
[71] SHUTTLE GAUGE IP PTY LTD, AU
[85] 2018-02-09
[86] 2016-08-08 (PCT/AU2016/000270)
[87] (WO2017/024332)
[30] AU (2015905426) 2015-08-12
[30] AU (2016900961) 2016-03-15

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[21] **2,995,285**
[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) B01D 61/00 (2006.01)**
[25] EN
[54] **A SWITCHABLE FORWARD OSMOSIS SYSTEM, AND PROCESSES THEREOF**
[54] **SYSTEME D'OSMOSE DIRECTE COMMUTABLE, ET PROCEDES ASSOCIES**
[72] RESENDES, RUI, CA
[72] HOLLAND, AMY MARIE, CA
[72] CLARK, TIMOTHY JAMES, CA
[72] MARIAMPILLAI, BRIAN ERNEST, CA
[72] DUMONT, ROBERT HAROLD JEAN, CA
[71] FORWARD WATER TECHNOLOGIES, CA
[85] 2018-02-09
[86] 2015-09-17 (PCT/CA2015/050908)
[87] (WO2017/024376)
[30] US (62/203,793) 2015-08-11

---

[21] **2,995,286**
[13] A1
[51] **Int.Cl. H02K 1/06 (2006.01) B25J 9/18 (2006.01) B25J 19/02 (2006.01) H02K 1/02 (2006.01) H02K 1/30 (2006.01) H02K 3/02 (2006.01) H02K 7/08 (2006.01) H02K 9/00 (2006.01) H02K 16/04 (2006.01)**
[25] EN
[54] **ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE**
[72] CHAMBERLAIN, STEPHEN SMITH, CA
[72] KLASSEN, JAMES BRENT, CA
[71] GENESIS ROBOTICS LLP, CA
[85] 2018-02-09
[86] 2016-08-11 (PCT/CA2016/050947)
[87] (WO2017/024409)
[30] US (62/203,903) 2015-08-11
[30] US (62/209,333) 2015-08-24
[30] US (62/292,860) 2016-02-08
[30] US (62/322,217) 2016-04-13
[30] US (62/363,202) 2016-07-15

[21] **2,995,287**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RETRIEVAL AND QUALIFICATION OF DATA ITEMS AND ENTITIES IN SUPPORT OF RETAIL TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES POUR L'EXTRACTION ET LA QUALIFICATION D'ELEMENTS DE DONNEES ET D'ENTITES DANS LA PRISE EN CHARGE DE TRANSACTIONS DE DETAIL**
[72] TEMPLAIN, MARK, CA
[71] TEMPLAIN, MARK, CA
[85] 2018-02-09
[86] 2016-08-19 (PCT/CA2016/050976)
[87] (WO2017/027979)
[30] US (62/206,870) 2015-08-19

---

[21] **2,995,288**
[13] A1
[51] **Int.Cl. H04W 72/10 (2009.01)**
[25] EN
[54] **USER EQUIPMENT, NETWORK DEVICE, AND DATA TRANSMISSION METHOD**
[54] **EQUIPEMENT D'UTILISATEUR, EQUIPEMENT RESEAU, ET PROCEDE DE TRANSMISSION DE DONNEES**
[72] CAO, ZHENZHEN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-02-09
[86] 2015-08-12 (PCT/CN2015/086799)
[87] (WO2017/024567)

---

[21] **2,995,289**
[13] A1
[51] **Int.Cl. A61B 5/0205 (2006.01)**
[25] EN
[54] **RESPIRATORY FUNCTION TESTING SYSTEM AND RESPIRATORY FUNCTION TESTING METHOD THEREOF**
[54] **SYSTEME DE VERIFICATION DE LA FONCTION RESPIRATOIRE ET PROCEDE DE VERIFICATION DE LA FONCTION RESPIRATOIRE ASSOCIE**
[72] SU, CHIACHI, TW
[72] YEN, HSIAOPAO, TW
[72] HSU, PEILING, TW
[72] CHEN, CHIAHUNG, TW
[71] SU, CHIACHI, TW
[71] YEN, HSIAOPAO, TW
[71] HSU, PEILING, TW
[71] CHEN, CHIAHUNG, TW
[85] 2018-02-09
[86] 2016-08-11 (PCT/CN2016/094621)
[87] (WO2017/025050)
[30] US (62/203,951) 2015-08-12

---

[21] **2,995,290**
[13] A1
[51] **Int.Cl. C22C 38/14 (2006.01) C21D 9/56 (2006.01) C22C 38/12 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **ALUMINIUM-ZINC-HOT-DIPPED AND COLOUR-COATED STEEL PLATE HAVING A 500 MPA YIELD STRENGTH GRADE AND A HIGH ELONGATION AND A MANUFACTURING METHOD THEREOF**
[54] **TOLE D'ACIER A ALUMINAGE-GALVANISATION A CHAUD PRESENTANT UNE APTITUDE A L'ETIRAGE ELEVEE, DE QUALITE A LIMITE D'ELASTICITE DE 500 MPA ET A REVETEMENT COLORE, ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
[72] LI, JUN, CN
[72] XU, DECHAO, CN
[72] LIU, XIN, CN
[72] DING, ZHILONG, CN
[72] REN, YULING, CN
[72] YE, XUEWEI, CN
[72] HU, HENGFA, CN
[72] CHEN, HONGMING, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2018-02-09
[86] 2016-07-25 (PCT/CN2016/091499)
[87] (WO2017/036260)
[30] CN (201510540305.6) 2015-08-28

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[21] **2,995,297**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61F 6/14 (2006.01) A61K 9/52 (2006.01) A61L 29/16 (2006.01) A61M 25/10 (2013.01) A61M 31/00 (2006.01)**
[25] EN
[54] **A DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION**
[72] THOMSEN, PETER THEILADE, DK
[72] ALM, MARTIN, DK
[71] PTT HOLDING APS, DK
[85] 2018-02-09
[86] 2016-08-11 (PCT/DK2016/050270)
[87] (WO2017/025104)
[30] DK (PA 2015 70520) 2015-08-11

[21] **2,995,299**
[13] A1
[51] **Int.Cl. B01J 20/34 (2006.01) C07C 7/13 (2006.01) C10G 25/03 (2006.01) C10G 25/12 (2006.01)**
[25] EN
[54] **A PROCESS FOR REGENERATING AN ADSORBENT FOR NITROGEN-CONTAINING COMPOUNDS PRESENT IN A HYDROCARBON FEED**
[54] **PROCEDE DE REGENERATION D'UN ADSORBANT POUR COMPOSES CONTENANT DE L'AZOTE PRESENTS DANS UNE ALIMENTATION EN HYDROCARBURE**
[72] CARRETTIN, SILVIO, BE
[72] MARTENS, LUC, BE
[72] HAMILTON, PAUL, GB
[72] TAYLOR, CHRISTOPHER, GB
[72] JANSSEN, MARCEL, BE
[72] DE SMIT, EMIEL, BE
[72] DENAYER, JOERI, BE
[72] LIEKENS, ANUSCHKA, BE
[72] SMITS, MARIANNE, BE
[72] WELFORD, MARK, GB
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2018-02-09
[86] 2016-07-13 (PCT/EP2016/066645)
[87] (WO2017/050454)
[30] EP (15186623.3) 2015-09-24

---

[21] **2,995,303**
[13] A1
[51] **Int.Cl. F16L 53/00 (2018.01) F16L 11/08 (2006.01)**
[25] EN
[54] **AN UNBONDED FLEXIBLE PIPE**
[54] **TUYAU FLEXIBLE NON COLLE**
[72] GLEJBOL, KRISTIAN, DK
[72] STRAARUP, ANDERS, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2018-02-09
[86] 2016-08-08 (PCT/DK2016/050264)
[87] (WO2017/025098)
[30] DK (PA 2015 70515) 2015-08-10

---

[21] **2,995,310**
[13] A1
[51] **Int.Cl. C07K 7/00 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR INDUCING TISSUE FORMATION AND USES THEREOF**
[54] **COMPOSES DESTINES A INDUIRE UNE FORMATION DE TISSU ET UTILISATIONS DE CES COMPOSES**
[72] ZOUANI, OMAR F., CH
[71] HISTIDE AG, CH
[85] 2018-02-09
[86] 2016-08-25 (PCT/EP2016/070133)
[87] (WO2017/032856)
[30] US (62/209,411) 2015-08-25
[30] EP (15307127.9) 2015-12-23

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[21] **2,995,312**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0476 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61K 49/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR TRACKING CORTICAL STIMULATOR LOCATIONS**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR LE SUIVI DES EMPLACEMENTS DE STIMULATEUR CORTICAL**
[72] SELA, GAL, CA
[72] CHEN, SEAN JY-SHYANG, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-02-09
[86] 2015-08-21 (PCT/IB2015/056351)
[87] (WO2017/033040)

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[21] **2,995,315**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) H05B 6/36 (2006.01)**
[25] EN
[54] **APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **APPAREIL POUR CHAUFFER UNE SUBSTANCE A FUMER**
[72] BLANDINO, THOMAS P., US
[72] WILKE, ANDREW P., US
[72] FRATER, JAMES J., US
[72] PAPROCKI, BENJAMIN J., US
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-02-09
[86] 2016-08-26 (PCT/EP2016/070176)
[87] (WO2017/036950)
[30] US (14/840,652) 2015-08-31

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[21] **2,995,317**
[13] A1
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **APPARATUS FOR TOPICAL APPLICATION OF MATERIAL**
[54] **APPAREIL POUR L'APPLICATION TOPIQUE DE SUBSTANCE**
[72] HEATH, DAVID, GB
[72] HOCHFIELD, BARRY, GB
[71] UNIVERSITY OF STRATHCLYDE, GB
[85] 2018-02-09
[86] 2015-09-02 (PCT/GB2015/052539)
[87] (WO2016/034878)
[30] GB (1415611.1) 2014-09-03

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[21] **2,995,318**
[13] A1
[51] **Int.Cl. H01M 8/06 (2016.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **SOLID OXIDE FUEL CELL SYSTEM**
[54] **SYSTEME DE CELLULES A COMBUSTIBLE A OXYDE SOLIDE**
[72] HOSHINO, MAKI, JP
[72] YAGUCHI, TATSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-09
[86] 2015-08-10 (PCT/JP2015/072660)
[87] (WO2017/026037)

[21] **2,995,319**
[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01) B60L 11/18 (2006.01) H02M 3/155 (2006.01)**
[25] EN
[54] **POWER CONDITIONING SYSTEM AND CONTROL METHOD THEREFOR**
[54] **SYSTEME DE REGLAGE DE PUISSANCE ET SON PROCEDE DE COMMANDE**
[72] MATSUMOTO, MICHIHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-09
[86] 2015-08-11 (PCT/JP2015/072795)
[87] (WO2017/026058)

---

[21] **2,995,321**
[13] A1
[51] **Int.Cl. B29C 43/12 (2006.01) B29C 43/32 (2006.01) B29C 43/56 (2006.01) B29C 70/06 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIALS MOLDING METHOD, AND COMPOSITE MATERIALS**
[54] **PROCEDE DE MOULAGE D'UN MATERIAU COMPOSITE, ET MATERIAU COMPOSITE**
[72] SHIMONO, KODAI, JP
[72] TOKUTOMI, HIROSHI, JP
[72] KOKUMAI, KENSUKE, JP
[72] YAMAGISHI, YUSUKE, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-02-09
[86] 2016-12-02 (PCT/IB2016/057288)
[87] (WO2017/060892)
[30] JP (2015-198680) 2015-10-06

---

[21] **2,995,322**
[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01) H01M 8/04 (2016.01) H02M 3/155 (2006.01)**
[25] EN
[54] **POWER CONDITIONING SYSTEM AND CONTROL METHOD THEREFOR**
[54] **SYSTEME D'AJUSTEMENT DE PUISSANCE ET SON PROCEDE DE COMMANDE**
[72] MATSUMOTO, MICHIHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-09
[86] 2015-08-11 (PCT/JP2015/072796)
[87] (WO2017/026059)

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[21] **2,995,324**
[13] A1
[51] **Int.Cl. H04N 19/31 (2014.01) H04N 19/70 (2014.01) H04N 7/01 (2006.01)**
[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2018-02-09
[86] 2016-08-10 (PCT/JP2016/073543)
[87] (WO2017/030062)
[30] JP (2015-161966) 2015-08-19

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[21] **2,995,325**
[13] A1
[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/395 (2006.01) A61K 31/4162 (2006.01) A61K 31/427 (2006.01) A61K 31/428 (2006.01) A61K 31/4355 (2006.01) A61K 31/436 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/538 (2006.01) A61K 31/5383 (2006.01) A61K 31/55 (2006.01) A61K 31/553 (2006.01) A61K 31/695 (2006.01) A61P 1/04 (2006.01) A61P 1/16 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 21/02 (2006.01) A61P 25/00 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/048 (2006.01) C07D 491/056 (2006.01) C07D 491/107 (2006.01) C07D 498/04 (2006.01) C07D 498/14 (2006.01) C07D 519/00 (2006.01) C07F 7/18 (2006.01)**
[25] EN
[54] **ISOTHIAZOLE DERIVATIVE**
[54] **DERIVE D'ISOTHIAZOLE**
[72] SAITOH, FUMIHIKO, JP
[72] KAMINO, TOMOYUKI, JP
[72] NAKAHARA, MOTOI, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2018-02-09
[86] 2016-08-10 (PCT/JP2016/073604)
[87] (WO2017/026516)
[30] JP (2015-159295) 2015-08-12

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[21] **2,995,336**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/22 (2006.01) A61B 18/00 (2006.01) A61M 1/00 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **CATARACT PHACOEMULSIFICATION TIP**
[54] **EMBOUT DE PHACOEMULSIFICATION DE LA CATARACTE**
[72] DEPENBUSCH, MICHAEL JEROME, US
[71] MICHAEL JEROME DESIGNS, LLC, US
[85] 2018-02-09
[86] 2016-06-29 (PCT/US2016/040048)
[87] (WO2017/007655)
[30] US (62/190,224) 2015-07-08

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[21] **2,995,339**
[13] A1
[51] **Int.Cl. B65D 81/38 (2006.01) B65D 81/02 (2006.01)**
[25] EN
[54] **INSULATED SHIPPING CONTAINER AND METHOD OF MAKING**
[54] **CONTENANT D'EXPEDITION ISOLE ET SON PROCEDE DE FABRICATION**
[72] LANTZ, GARY W., US
[71] VERICOOL, INC., US
[85] 2018-02-09
[86] 2016-07-22 (PCT/US2016/043690)
[87] (WO2017/027189)
[30] US (14/756,163) 2015-08-10

[21] **2,995,342**
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/13 (2006.01) F16K 15/03 (2006.01)**
[25] EN
[54] **FLOAT VALVE ASSEMBLY WITH DRAG FORCE DEPENDENT DEACTIVATION**
[54] **ENSEMBLE DE ROBINET A FLOTTEUR AVEC DESACTIVATION DEPENDANTE DE LA FORCE DE TRAINEE**
[72] MERICAS, CHRISTOPHER JAMES, US
[72] STAIR, TODD ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-09
[86] 2015-09-24 (PCT/US2015/051988)
[87] (WO2017/052556)

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[21] **2,995,344**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **HUMAN ANTI-VEGFR-2/KDR ANTIBODIES**
[54] **ANTICORPS HUMAINS ANTI-VEGFR-2/KDR**
[72] LU, DAN, US
[72] ZHU, ZHENPING, US
[71] KADMON CORPORATION, LLC, US
[85] 2018-02-09
[86] 2015-10-07 (PCT/US2015/054569)
[87] (WO2016/057726)
[30] US (62/061,097) 2014-10-07

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[21] **2,995,346**
[13] A1
[51] **Int.Cl. B65D 3/10 (2006.01) B65D 3/12 (2006.01) B65D 3/14 (2006.01) B65D 3/20 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **CUP SLEEVE**
[54] **MANCHETTE POUR GOBELET**
[72] HASANI, FISNIK T., US
[71] HASANI, FISNIK T., US
[85] 2018-02-09
[86] 2016-07-25 (PCT/US2016/043822)
[87] (WO2017/027193)
[30] US (62/203,482) 2015-08-11
[30] US (15/186,530) 2016-06-19

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[21] **2,995,348**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/46 (2006.01)**
[25] EN
[54] **DISTRIBUTED ACOUSTIC SENSING SYSTEMS AND METHODS EMPLOYING MULTIPLE PULSE WIDTHS**
[54] **SYSTEMES ET PROCEDES DE DETECTION ACOUSTIQUE REPARTIE UTILISANT DE MULTIPLES LARGEURS D'IMPULSION**
[72] SUH, KWANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-09
[86] 2015-10-19 (PCT/US2015/056135)
[87] (WO2017/069724)

---

[21] **2,995,350**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **MVD AS EPIGENETIC MARKER FOR THE IDENTIFICATION OF IMMUNE CELLS, IN PARTICULAR CD56+ NK CELLS**
[54] **UTILISATION DE MVD EN TANT QUE MARQUEUR EPIGENETIQUE POUR L'IDENTIFICATION DE CELLULES IMMUNITAIRES, EN PARTICULIER LES CELLULES NK CD56+**
[72] OLEK, SVEN, DE
[71] EPIONTIS GMBH, DE
[85] 2018-02-09
[86] 2016-09-22 (PCT/EP2016/072522)
[87] (WO2017/050882)
[30] GB (1516971.7) 2015-09-25

---

[21] **2,995,353**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) B60S 1/08 (2006.01) H01R 13/73 (2006.01)**
[25] EN
[54] **VEHICLE COMPOSITE PANE WITH AN INTEGRATED LIGHT SENSOR**
[54] **VITRE DE VEHICULE EN VERRE FEUILLETE POURVUE D'UN CAPTEUR DE LUMINOSITE INTEGRE**
[72] EFFERTZ, CHRISTIAN, DE
[72] SCHMALBUCH, KLAUS, DE
[72] WOHLFEIL, DIRK, BE
[72] DUERKOP, DETLEV, DE
[72] SCHWINGES, GUIDO, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-02-09
[86] 2016-11-14 (PCT/EP2016/077534)
[87] (WO2017/097536)
[30] EP (15198195.8) 2015-12-07

---

[21] **2,995,354**
[13] A1
[51] **Int.Cl. G21C 13/00 (2006.01) G21C 15/18 (2006.01)**
[25] EN
[54] **PASSIVE COOLING TO COLD SHUTDOWN**
[54] **REFROIDISSEMENT PASSIF POUR ARRET A FROID**
[72] KELLER, MICHAEL, US
[72] SNUGGERUD, ROSS, US
[72] LISZKAI, TAMAS, US
[71] NUSCALE POWER, LLC, US
[85] 2018-02-09
[86] 2016-04-29 (PCT/US2016/030013)
[87] (WO2017/074507)
[30] US (14/923,277) 2015-10-26

[21] **2,995,355**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **ORDER MANAGEMENT AND PROCESSING USING A DISTRIBUTED COMMERCE PLATFORM**
[54] **GESTION ET TRAITEMENT DE COMMANDE A L'AIDE D'UNE PLATE-FORME COMMERCIALE DISTRIBUEE**
[72] CHANDRASEKARAN, SIDDARTH, US
[72] COLLISON, JOHN BROCHAN, US
[72] CORDOVA, CRISTINA JOELLE, US
[72] DANZ, JAMES WILLIAM, US
[72] POLU, STANISLAS VINCENT FRANCOIS, US
[72] SENAPATI, DEVESH, US
[71] STRIPE, INC., US
[85] 2018-02-09
[86] 2016-07-25 (PCT/US2016/043931)
[87] (WO2017/027197)
[30] US (14/824,990) 2015-08-12

---

[21] **2,995,357**
[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/64 (2006.01) B01J 20/02 (2006.01) B01J 20/10 (2006.01)**
[25] EN
[54] **ENHANCED SORBENT FORMULATION FOR REMOVAL OF MERCURY FROM FLUE GAS**
[54] **FORMULATION DE SORBANT AMELIOREE POUR ELIMINER LE MERCURE PRESENT DANS LES GAZ DE COMBUSTION**
[72] MIMNA, RICHARD A., US
[72] TRAMPOSCH, WALTER G., US
[71] CALGON CARBON CORPORATION, US
[85] 2018-02-09
[86] 2016-07-29 (PCT/US2016/044745)
[87] (WO2017/027230)
[30] US (62/203,685) 2015-08-11

---

[21] **2,995,358**
[13] A1
[51] **Int.Cl. A61J 7/04 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEM AND METHOD TO CONTROL THE DELIVERY OF ORAL MEDICATIONS**
[54] **DISPOSITIFS, SYSTEME ET PROCEDE POUR COMMANDER L'ADMINISTRATION DE MEDICAMENTS ORAUX**
[72] VALENTINE, EDMUND L., US
[71] VALENTINE, EDMUND L., US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046491)
[87] (WO2017/027673)
[30] US (62/203,638) 2015-08-11
[30] US (62/252,966) 2015-11-09

---

[21] **2,995,360**
[13] A1
[51] **Int.Cl. A47F 5/10 (2006.01)**
[25] EN
[54] **LIFTING AND MOVING SYSTEM FOR GONDOLAS AND STORAGE RACKS**
[54] **SYSTEME DE LEVAGE ET DE DEPLACEMENT DES GONDOLES ET DES RAYONNAGES DE STOCKAGE**
[72] COZZA, FRANK CHARLES, US
[72] TAYLOR, GERRY H., US
[71] COZZA, FRANK CHARLES, US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046423)
[87] (WO2017/027635)
[30] US (62/203,331) 2015-08-10

---

[21] **2,995,362**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/18 (2006.01)**
[25] EN
[54] **SNAP-IN SIDING SYSTEM**
[54] **SYSTEME DE BARDAGE A ENCLIQUETAGE**
[72] ANIC, MIRO, US
[71] SARGEN, JEFFREY, US
[85] 2018-02-09
[86] 2016-08-05 (PCT/US2016/045686)
[87] (WO2017/027341)
[30] US (14/822,413) 2015-08-10

---

[21] **2,995,371**
[13] A1
[51] **Int.Cl. A61K 38/03 (2006.01) A61K 38/14 (2006.01) C07D 243/12 (2006.01)**
[25] EN
[54] **CCK2R-DRUG CONJUGATES**
[54] **CONJUGUES MEDICAMENT-CCK2R**
[72] PARHAM, GARTH L., US
[72] NELSON, MELISSA, US
[72] VETZEL, MARILYNN, US
[72] DIRCKSEN, CHRISTINA M., US
[72] REDDY, JOSEPH ANAND, US
[72] LEAMON, CHRISTOPHER PAUL, US
[72] VLAHOV, IONTCHO RADOSLAVOV, US
[71] ENDOCYTE, INC., US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046292)
[87] (WO2017/030859)
[30] US (62/205,411) 2015-08-14
[30] US (62/261,227) 2015-11-30
[30] US (62/323,287) 2016-04-15

---

[21] **2,995,372**
[13] A1
[51] **Int.Cl. A61K 41/00 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **BIOMATERIALS FOR COMBINED RADIOTHERAPY AND IMMUNOTHERAPY OF CANCER**
[54] **BIOMATERIAUX POUR UNE THERAPIE D'ASSOCIATION RADIOTHERAPIE-CHIMIOTHERAPIE CONTRE LE CANCER**
[72] NGWA, WILFRED, US
[72] KUMAR, RAJIV, US
[72] MAKRIGIORGOS, GERASSIMOS, US
[72] SRIDHAR, SRINIVAS, US
[72] DOUGAN, STEPHANIE, US
[71] NORTHEASTERN UNIVERSITY, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2018-02-09
[86] 2016-08-15 (PCT/US2016/046992)
[87] (WO2017/027874)
[30] US (62/204,861) 2015-08-13

[21] **2,995,373**
[13] A1
[51] **Int.Cl. B60W 40/10 (2012.01) B60W 50/02 (2012.01) B66F 9/06 (2006.01) B60W 50/00 (2006.01)**
[25] EN
[54] **MODEL BASED DIAGNOSTICS BASED ON TRACTION MODEL**
[54] **DIAGNOSTICS A BASE DE MODELE BASES SUR UN MODELE DE TRACTION**
[72] MANGETTE, STEPHEN T., US
[72] HAMMER, JOE K., US
[72] BARNHART, BRENT A., US
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046456)
[87] (WO2017/030878)
[30] US (62/205,092) 2015-08-14

---

[21] **2,995,374**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/517 (2006.01) C07D 239/91 (2006.01)**
[25] EN
[54] **MECHANISM OF RESISTANCE TO BET BROMODOMAIN INHIBITORS**
[54] **MECANISME DE RESISTANCE AUX INHIBITEURS DE BROMODOMAINES DE BET**
[72] POLYAK, KORNELIA, US
[72] SHU, SHAOKUN, US
[72] LIN, CHARLES YANG, US
[72] BRADNER, JAMES E., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046318)
[87] (WO2017/027571)
[30] US (62/203,128) 2015-08-10

---

[21] **2,995,375**
[13] A1
[51] **Int.Cl. A61K 8/40 (2006.01) A61K 31/00 (2006.01) A61K 31/01 (2006.01) A61K 31/04 (2006.01) A61K 31/05 (2006.01) A61K 31/13 (2006.01) A61K 31/195 (2006.01) A61K 31/50 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CANCER EXPRESSING PDE3A OR SLFN12**
[54] **COMPOSITIONS ET PROCEDES POUR LA DETECTION DE CELLULES CANCEREUSES EXPRIMANT PDE3A OU SLFN12**
[72] DE WAAL, LUC, US
[72] MEYERSON, MATTHEW, US
[72] GREULICH, HEIDI, US
[72] SCHENONE, MONICA, US
[72] BURGIN, ALEX, US
[72] SACK, ULRICKE, DE
[72] WU, XIAOYUN, US
[71] THE BROAD INSTITUTE, INC., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-02-09
[86] 2016-08-12 (PCT/US2016/046912)
[87] (WO2017/027854)
[30] US (62/204,875) 2015-08-13

---

[21] **2,995,379**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06Q 20/34 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR TRANSACTION AUTHORIZATION BASED ON A PARALLEL AUTONOMOUS CHANNEL MULTI-USER AND MULTI-FACTOR AUTHENTICATION**
[54] **PROCEDE ET SYSTEME D'AUTORISATION DE TRANSACTION BASEE SUR L'AUTHENTIFICATION DE CANAL AUTONOME PARALLELE MULTI-UTILISATEURS ET MULTI-FACTEURS**
[72] SZOKE, THOMAS, US
[72] UMAROV, MAXIM, US
[71] ID GLOBAL SOLUTIONS CORPORATION, US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046332)
[87] (WO2017/027580)
[30] US (62/203,024) 2015-08-10

---

[21] **2,995,383**
[13] A1
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 11/04 (2006.01) E21B 23/06 (2006.01) E21B 33/10 (2006.01) E21B 33/12 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **SHORTENED TUBING BAFFLE WITH LARGE SEALABLE BORE**
[54] **CHICANE DE COLONNE DE PRODUCTION RACCOURCIE A ALESAGE DE GRAND DIAMETRE APTE A ETRE SCELLE**
[72] FITZHUGH, BRYAN, US
[72] MUSCROFT, WILLIAM, US
[71] PEAK COMPLETION TECHNOLOGIES, INC., US
[85] 2018-02-09
[86] 2016-08-19 (PCT/US2016/047762)
[87] (WO2017/031419)
[30] US (62/207,058) 2015-08-19
[30] US (62/321,532) 2016-04-12

[21] **2,995,385**
[13] A1
[51] **Int.Cl. C07K 16/06 (2006.01) C07K 1/16 (2006.01) C07K 1/18 (2006.01) C07K 1/22 (2006.01) C07K 14/245 (2006.01) C07K 16/12 (2006.01)**
[25] EN
[54] **PURIFICATION OF FKPA AND USES THEREOF FOR PRODUCING RECOMBINANT POLYPEPTIDES**
[54] **PURIFICATION DE POLYPEPTIDES FKPA ET SES UTILISATIONS POUR LA PRODUCTION DE POLYPEPTIDES RECOMBINES**
[72] FONG, CHRIS B., US
[72] LADIWALA, ASIF, US
[72] MCKAY, PATRICK A., US
[71] GENENTECH, INC., US
[85] 2018-02-09
[86] 2016-08-19 (PCT/US2016/047912)
[87] (WO2017/031476)
[30] US (62/207,910) 2015-08-20
[30] US (62/207,908) 2015-08-20
[30] US (62/210,378) 2015-08-26

[21] **2,995,387**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 39/108 (2006.01) A61K 39/395 (2006.01) C07K 14/26 (2006.01) C07K 16/12 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **MRKA POLYPEPTIDES, ANTIBODIES, AND USES THEREOF**
[54] **POLYPEPTIDES MRKA, ANTICORPS, ET LEURS UTILISATIONS**
[72] WANG, QUN, US
[72] RAJAN, SARAVANAN, US
[72] CHANG, CHEW-SHUN, US
[72] HEIDBRINK THOMPSON, JENNY, US
[72] LIN, HUNG-YU, US
[72] STOVER, CHARLES KENDALL, US
[72] PENNINI, MEGHAN, US
[72] DALL'ACQUA, WILLIAM, US
[72] CHOWDHURY, PARTHA S., US
[72] XIAO, XIAODONG, US
[71] MEDIMMUNE, LLC, US
[85] 2018-02-09
[86] 2016-08-23 (PCT/US2016/048221)
[87] (WO2017/035154)
[30] US (62/208,975) 2015-08-24
[30] US (62/238,828) 2015-10-08

[21] **2,995,391**
[13] A1
[51] **Int.Cl. E21C 41/16 (2006.01) E21F 15/04 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR CREATING A VOID, LOW-DENSITY FILL OR COMBINATION OF VOID AND LOW-DENSITY FILL FOR UNDERGROUND MINING COMPRISING AT LEAST ONE MODULE OF FORMWORK TO BEPOSITIONED IN AN OPEN STOPE OF AN UNDERGROUND MINE PRIOR TO CARRYING OUT A BACKFILLING OPERATION**
[54] **PROCEDE ET APPAREIL PERMETTANT LA CREATION D'UN VIDE POUR UNE EXPLOITATION MINIERE SOUTERRAINE**
[72] MOORE, GREGORY, AU
[71] EVOLUTION RESOURCE GROUP PTY LTD, AU
[85] 2018-02-12
[86] 2016-08-12 (PCT/AU2016/000274)
[87] (WO2017/024334)
[30] AU (2015903223) 2015-08-12

[21] **2,995,394**
[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01)**
[25] EN
[54] **SYSTEM OF DEVICE AUTHENTICATION**
[54] **SYSTEME D'AUTHENTIFICATION DE DISPOSITIFS**
[72] RICHARDSON, RIC B., AU
[71] HAVENTEC PTY LTD, AU
[85] 2018-02-12
[86] 2016-08-12 (PCT/AU2016/000275)
[87] (WO2017/024335)
[30] AU (2015903231) 2015-08-12

[21] **2,995,396**
[13] A1
[51] **Int.Cl. F25D 31/00 (2006.01) A23B 4/06 (2006.01) A23B 7/04 (2006.01) F25D 25/00 (2006.01)**
[25] EN
[54] **VERTICAL PLATE FREEZER SYSTEM**
[54] **SYSTEME DE CONGELATEUR A PLAQUES VERTICALES**
[72] STAUGHTON, SIMON, AU
[71] COOL OFF PTY LTD, AU
[85] 2018-02-12
[86] 2016-08-15 (PCT/AU2016/000280)
[87] (WO2017/024339)
[30] AU (2015903257) 2015-08-13

[21] **2,995,399**
[13] A1
[51] **Int.Cl. E21B 10/62 (2006.01) E21B 10/00 (2006.01) E21B 10/20 (2006.01) E21B 10/44 (2006.01) E21B 17/04 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **TWO PART DRILL BIT ASSEMBLY**
[54] **ENSEMBLE TREPAN EN DEUX PARTIES**
[72] MCLAREN, MATTHEW DAVID, AU
[71] FERO GROUP PTY LTD, AU
[85] 2018-02-12
[86] 2016-07-01 (PCT/AU2016/050577)
[87] (WO2017/004666)
[30] AU (2015902711) 2015-07-09

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,937,899**
[13] A1
[51] **Int.Cl. B30B 9/00 (2006.01) B65F 1/14 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **TRASH COMPACTOR AND TRASH BIN EQUIPPED WITH A TRASH COMPACTOR**
[54] **COMPACTEUR A DECHETS ET BAC A DECHETS EQUIPE D'UN COMPACTEUR A DECHETS**
[72] HYYTINEN, PASI, ES
[71] HYYTINEN, PASI, ES
[22] 2016-08-03
[41] 2018-02-03

---

[21] **2,938,837**
[13] A1
[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DEPLOYING A TEMPORARY SPRINKLER ON A ROOF TOP**
[54] **DISPOSITIF ET METHODE DE DEPLOIEMENT D'UN GICLEUR TEMPORAIRE SUR UN DESSUS DE TOIT**
[72] COFFEY, BRYAN DAVID, CA
[71] COFFEY, BRYAN DAVID, CA
[22] 2016-08-11
[41] 2018-02-11

---

[21] **2,950,860**
[13] A1
[51] **Int.Cl. B29C 44/18 (2006.01) F16L 59/14 (2006.01)**
[25] EN
[54] **CONTINUOUS METHOD FOR PRODUCING PRE-INSULATED PIPING**
[54] **METHODE CONTINUE DE PRODUCTION DE TUYAUTERIE PRE-ISOLEE**
[72] KEYES, THOMAS JOSEPH, US
[71] THERMACOR PROCESS, INC., US
[22] 2016-12-07
[41] 2018-02-02
[30] US (62/369,941) 2016-08-02
[30] US (15/368,115) 2016-12-02

---

[21] **2,972,765**
[13] A1
[51] **Int.Cl. B29C 39/10 (2006.01) B29C 39/08 (2006.01)**
[25] EN
[54] **REINFORCED THERMOPLASTIC PRODUCTS AND METHODS OF MAKING THE SAME**
[54] **PRODUITS THERMOPLASTIQUES RENFORCES ET METHODES DE FABRICATION CONNEXES**
[72] ZHANG, MINGFU, US
[72] GLEICH, KLAUS FRIEDRICH, DE
[72] ASRAR, JAWED, US
[71] JOHNS MANVILLE, US
[22] 2017-07-10
[41] 2018-02-03
[30] US (15/227,751) 2016-08-03

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[21] **2,981,303**
[13] A1
[51] **Int.Cl. C12Q 1/6888 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6844 (2018.01) C07H 21/04 (2006.01) C12Q 1/70 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) G01N 33/50 (2006.01) C12N 15/37 (2006.01)**
[25] EN
[54] **ASSAY FOR DETECTING CLOSELY-RELATED SEROTYPES OF HUMAN PAPILLOMAVIRUS (HPV)**
[54] **DOSAGE POUR LA DETECTION DE SEROTYPES ETROITEMENT APPARENTES DU PAPILLOMAVIRUS HUMAIN (HPV)**
[72] CHEN, CHI, US
[72] PECK, HUGH J., US
[72] PORTER, MICHAEL, US
[72] RICHART, GREGORY A., US
[72] MC MILLIAN, RAY A., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2011-02-16
[41] 2011-08-25
[62] 2,789,456
[30] US (61/304,941) 2010-02-16

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[21] **2,983,133**
[13] A1
[51] **Int.Cl. C12Q 1/37 (2006.01) C07K 16/40 (2006.01) C12Q 1/00 (2006.01) G01N 33/53 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **METHODS FOR SCREENING CANDIDATE AGENTS FOR MODULATING PRORENIN AND RENIN, ASSAYS FOR DETECTING PRORENIN, AND ANTIBODIES USED THEREIN**
[54] **PROCEDES POUR CRIBLER DES AGENTS CANDIDATS POUR LA MODULATION DE LA PRORENINE ET DE LA RENINE, TESTS DE DETECTION DE LA PRORENINE, ET ANTICORPS QU'ILS EMPLOIENT**
[72] DAY, DUANE ELLINGTON, US
[71] MOLECULAR INNOVATIONS, US
[22] 2010-02-04
[41] 2010-08-12
[62] 2,750,520
[30] US (61/149,834) 2009-02-04
[30] US (61/150,462) 2009-02-06
[30] US (61/152,285) 2009-02-13
[30] US (61/159,233) 2009-03-11
[30] US (61/160,011) 2009-03-13
[30] US (61/234,424) 2009-08-17

[21] **2,984,563**
[13] A1
[51] **Int.Cl. C12N 15/12 (2006.01) C12N 15/113 (2010.01) A61K 47/66 (2017.01) A61K 47/68 (2017.01) C12Q 1/6809 (2018.01) C12Q 1/6886 (2018.01) A61K 31/7088 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 15/63 (2006.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **DIFFERENTIALLY EXPRESSED CLAUDIN-18 VARIANTS IN TUMORS AND USE THEREOF**
[54] **VARIANTES DE LA PROTEINE CLAUDIN-18 D'EXPRESSION DIFFERENTIELLE DANS LE TUMEURS ET LEUR UTILISATION**
[72] TURECI, OZLEM, DE
[72] SAHIN, UGUR, DE
[72] KOSLOWSKI, MICHAEL, DE
[72] FRITZ, STEFAN, DE
[72] GEPPERT, HARALD-GERHARD, DE
[71] GANYMED PHARMACEUTICALS AG, DE
[22] 2005-05-18
[41] 2005-12-01
[62] 2,563,666
[30] DE (10 2004 024 617.3) 2004-05-18

---

[21] **2,984,653**
[13] A1
[51] **Int.Cl. C12N 15/12 (2006.01) A61K 47/68 (2017.01) C12Q 1/6809 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6886 (2018.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 14/74 (2006.01) C07K 16/30 (2006.01) C12N 15/85 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF TUMOUR-ASSOCIATED CELL SURFACE ANTIGENS FOR DIAGNOSIS AND THERAPY**
[54] **IDENTIFICATION D'ANTIGENES DE SURFACE CELLULAIRE ASSOCIES A UNE TUMEUR DANS LE CADRE D'UN DIAGNOSTIC ET D'UNE THERAPIE**
[72] TURECI, OZLEM, DE
[72] SAHIN, UGUR, DE
[72] HELFTENBEIN, GERD, DE
[72] SCHLUTER, VOLKER, DE
[71] GANYMED PHARMACEUTICALS AG, DE
[22] 2004-09-23
[41] 2005-04-07
[62] 2,539,837
[30] DE (103 44 799.7) 2003-09-26

---

[21] **2,985,469**
[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/17 (2006.01) A61P 15/08 (2006.01) A61P 37/02 (2006.01) C07K 7/06 (2006.01) C07K 14/445 (2006.01) C07K 14/47 (2006.01) C07K 14/72 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C12N 9/12 (2006.01) C12N 15/12 (2006.01) C12Q 1/02 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PIF PEPTIDES BIOLOGIC ACTIVITIES, SITE OF ACTION, AND THE ANTIBODY TO DETECT PIF**
[54] **ACTIVITES BIOLOGIQUES DE PEPTIDES PIF, SITE D'ACTION, ET ANTICORPS POUR DETECTER PIF**
[72] BARNEA, EYTAN R., US
[71] BIOINCEPT, LLC, US
[22] 2004-10-22
[41] 2005-05-06
[62] 2,894,868
[30] US (60/513,370) 2003-10-22
[30] US (10/482,244) 2003-12-22

---

[21] **2,988,217**
[13] A1
[51] **Int.Cl. C07H 19/10 (2006.01) C07H 19/073 (2006.01)**
[25] EN
[54] **N- [(2'R) -2'-DEOXY-2'-FLUORO-2' -METHYL-P-PHENYL-5' -URIDYLYL] -L-ALANINE 1-METHYLETHYL ESTER AND PROCESS FOR ITS PRODUCTION**
[54] **ESTER DE N-[(2 ' R) -2' -DESOXY-2' -FLUORO-2' -METHYL-P-PHENYL-5' -URIDYLYL]-L-ALANINE 1-METHYLETHYLE ET SON PROCEDE DE PRODUCTION**
[72] ROSS, BRUCE S., US
[72] SOFIA, MICHAEL JOSEPH, US
[72] PAMULAPATI, GANAPATI REDDY, US
[72] RACHAKONDA, SUGUNA, US
[72] ZHANG, HAI-REN, US
[72] CHUN, BYOUNG-KWON, US
[72] WANG, PEIYUAN, US
[71] GILEAD PHARMASSET LLC, US
[22] 2010-05-20
[41] 2010-11-25
[62] 2,915,187
[30] US (61/179,923) 2009-05-20
[30] US (61/319,513) 2010-03-31

---

[21] **2,988,382**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A23K 10/30 (2016.01) A23L 25/00 (2016.01) A23L 33/105 (2016.01) A01H 6/20 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **GENERATION OF PLANTS WITH ALTERED PROTEIN, FIBER, OR OIL CONTENT**
[54] **GENERATION DE PLANTES AVEC UNE TENEUR EN PROTEINES, EN FIBRES OU EN HUILE MODIFIEE**
[72] DAVIES, JOHN P., US
[72] NG, HEIN TSOENG (MEDARD), US
[72] WAGNER, D. RY, US
[71] AGRIGENETICS, INC., US
[22] 2007-11-14
[41] 2008-05-22
[62] 2,669,676
[30] US (60/866,059) 2006-11-15

[21] **2,989,840**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBONS PROCESSING USING RADIATION**
[54] **TRAITEMENT D'HYDROCARBURES A L'AIDE D'UN RAYONNEMENT**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2009-04-28
[41] 2009-12-23
[62] 2,893,201
[30] US (61/073665) 2008-06-18
[30] US (61/106861) 2008-10-20
[30] US (61/139324) 2008-12-19
[30] US (12/417786) 2009-04-03

---

[21] **2,989,895**
[13] A1
[51] **Int.Cl. B65G 1/00 (2006.01) G06Q 10/08 (2012.01) B25J 5/00 (2006.01) B25J 19/02 (2006.01) G01C 21/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR USING UNIQUE LANDMARKS TO LOCATE INDUSTRIAL VEHICLES AT START-UP**
[54] **PROCEDE ET APPAREIL D'UTILISATION DE REPERES TERRESTRES UNIQUES POUR LOCALISER DES VEHICULES INDUSTRIELS AU DEMARRAGE**
[72] WONG, LISA, NZ
[72] GRAHAM, ANDREW EVAN, NZ
[72] GOODE, CHRISTOPHER W., NZ
[72] WALTZ, LUCAS B., US
[71] CROWN EQUIPMENT CORPORATION, US
[22] 2012-08-24
[41] 2013-03-07
[62] 2,845,776
[30] US (13/219,271) 2011-08-26

---

[21] **2,989,896**
[13] A1
[51] **Int.Cl. A61K 33/00 (2006.01) A61K 31/197 (2006.01) A61K 31/385 (2006.01) A61K 31/4415 (2006.01) A61K 31/455 (2006.01) A61K 31/51 (2006.01) A61K 31/519 (2006.01) A61K 31/525 (2006.01) A61K 31/714 (2006.01) A61K 33/06 (2006.01)**
[25] EN
[54] **METHODS OF TREATING OR AMELIORATING DISEASES AND ENHANGING PERFORMANCE COMPRISING THE USE OF A MAGNETIC DIPOLE STABILIZED SOLUTION**
[54] **METHODES DE TRAITEMENT OU D'AMELIORATION DES MALADIES ET D'AMELIORATION DU RENDEMENT COMPRENANT L'UTILISATION D'UNE SOLUTION STABILISEE PAR UN DIPOLE MAGNETIQUE**
[72] DENOMME, BRIAN, US
[72] HAROON, ZISHAN, US
[72] KREBS, TRACY L., US
[72] LANGE, PETER, US
[72] OZGUR, SEZGIN, US
[72] VAN WYK, HENK, US
[72] VAN WYK, MARIETTE, US
[71] REVEN PHARMACEUTICALS, INC., US
[22] 2011-07-22
[41] 2012-01-26
[62] 2,806,208
[30] US (61/366,844) 2010-07-22
[30] US (61/366,845) 2010-07-22
[30] US (61/366,852) 2010-07-22
[30] US (61/366,853) 2010-07-22

---

[21] **2,990,097**
[13] A1
[51] **Int.Cl. C07D 317/18 (2006.01)**
[25] EN
[54] **(R)- AND (S)-1-((2,2-DIMETHYL-1,3-DIOXOLAN-4-YL)METHYL)CYCLOPROPANE-1-SULFONYL CHLORIDE**
[54] **CHLORURE DE (R)- ET (S)-1((2,2-DIMETHYLE-1,3-DIOXOLAN-4-YL)METHYLE)CYCLOPROPANE-1-SULFONYL**
[72] MADERNA, ANDREAS, US
[72] VERNIER, JEAN-MICHEL, US
[71] ARDEA BIOSCIENCES, INC., US
[22] 2010-07-10
[41] 2011-01-27
[62] 2,768,788
[30] US (61/228,509) 2009-07-24
[30] US (61/228,501) 2009-07-24

---

[21] **2,991,508**
[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 35/747 (2015.01) A61P 37/08 (2006.01)**
[25] EN
[54] **USE OF LGG IN THE MANUFACTURE OF A MEDICAMENT FOR THE PREVENTION OR TREATMENT OF RESPIRATORY ALLERGIES**
[54] **UTILISATION DE LGG DANS LA FABRICATION D'UN MEDICAMENT DESTINE A LA PREVENTION OU AU TRAITEMENT D'ALLERGIES RESPIRATOIRES**
[72] HERZ, UDO, DE
[72] RENZ, HARALD, DE
[72] BLUEMER, NICOLE, DE
[72] GARN, HOLGER, DE
[71] MJN U.S. HOLDINGS LLC, US
[22] 2006-03-22
[41] 2006-10-26
[62] 2,881,536
[30] US (11/144,287) 2005-06-03
[30] US (11/106,792) 2005-04-15

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,991,625**
[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01) G01N 21/05 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND APPARATUS FOR PERFORMING FLOW CYTOMETRY**
[54] **PROCEDES, SYSTEMES, ET APPAREIL POUR REALISER UNE CYTOMETRIE EN FLUX**
[72] LUSCHER, MARK, CA
[72] MARKS, RANDALL, US
[71] MICROBIX BIOSYSTEMS INC., CA
[22] 2012-02-15
[41] 2012-08-23
[62] 2,826,914
[30] US (61/443,178) 2011-02-15
[30] US (61/443,174) 2011-02-15
[30] US (61/482,504) 2011-05-04

---

[21] **2,991,883**
[13] A1
[51] **Int.Cl. A61K 31/573 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE OF 4-PREGENEN-11.BETA.-17-21-TRIOL-3,20-DIONE DERIVATIVES**
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION DE DERIVES DE 4-PREGENEN-11SS-17-21-TRIOL-3,20-DIONE**
[72] EDELMAN, JEFFREY L., US
[72] NEHME, ALISSAR, US
[71] ALLERGAN, INC., US
[22] 2012-11-09
[41] 2013-05-16
[62] 2,855,929
[30] US (61/558,775) 2011-11-11

---

[21] **2,991,896**
[13] A1
[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/4985 (2006.01) A61K 31/55 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL TRICYCLIC COMPOUNDS AS PROTEIN KINASE INHIBITORS**
[54] **COMPOSES TRICYCLIQUES NOVATEURS COMME INHIBITEURS DE LA PROTEINE KINASE**
[72] WISHART, NEIL, US
[72] ARGIRIADI, MARIA A., US
[72] CALDERWOOD, DAVID J., US
[72] ERICSSON, ANNA M., US
[72] FIAMENGO, BRYAN A., US
[72] FRANK, KRISTINE E., US
[72] FRIEDMAN, MICHAEL, US
[72] GEORGE, DAWN M., US
[72] GOEDKEN, ERIC R., US
[72] JOSEPHSOHN, NATHAN S., US
[72] LI, BIQIN C., US
[72] MORYTKO, MICHAEL J., US
[72] STEWART, KENT D., US
[72] VOSS, JEFFREY W., US
[72] WALLACE, GRIER A., US
[72] WANG, LU, US
[72] WOLLER, KEVIN R., US
[71] ABBVIE INC., US
[22] 2010-12-01
[41] 2011-06-09
[62] 2,781,891
[30] US (61/265,563) 2009-12-01
[30] US (61/364,116) 2010-07-14

---

[21] **2,991,994**
[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 9/48 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF A BRUTON'S TYROSINE KINASE INHIBITOR**
[54] **FORMES CRISTALLINES D'UN INHIBITEUR DE TYROSINE KINASE DE BRUTON**
[72] PURRO, NORBERT, US
[72] SMYTH, MARK, US
[72] GOLDMAN, ERICK, US
[72] WIRTH, DAVID D., US
[71] PHARMACYCLICS LLC, US
[22] 2013-06-03
[41] 2013-12-12
[62] 2,875,986
[30] US (61/655,381) 2012-06-04

---

[21] **2,992,102**
[13] A1
[51] **Int.Cl. B64D 23/00 (2006.01) A63B 69/00 (2006.01) A63G 31/00 (2006.01) F24F 7/10 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **RECIRCULATING VERTICAL WIND TUMMEL SKYDIVING SIMULATOR AND REDUCED DRAG CABLE FOR USE IN WIND TUNNELS AND OTHER LOCATIONS**
[54] **SIMULATEUR DE PARACHUTISME SPORTIF A SOUFFLERIE VERTICALE DE RECIRCULATION ET CABLE DE HALAGE REDUIT UTILISE DANS LES SOUFFLERIES VERTICALES ET AUTRES EMPLACEMENTS**
[72] METNI, N. ALAN, US
[72] KITCHEN, WILLIAM J., US
[72] MORT, KENNETH W., US
[72] EASTLAKE, CHARLES N., US
[72] PALMER, MICHAEL J., US
[71] SKYVENTURE INTERNATIONAL (UK) LTD., GB
[22] 2005-08-01
[41] 2006-02-02
[62] 2,865,999
[30] US (10/909,088) 2004-07-30
[30] US (11/184,940) 2005-07-19

[21] **2,992,198**
[13] A1
[51] **Int.Cl. G06F 3/0484 (2013.01) G06Q 10/06 (2012.01) B61K 9/08 (2006.01)**
[25] EN
[54] **LINEAR ASSETS INSPECTION SYSTEM**
[54] **SYSTEME LINEAIRE DE CONTROLE D'ACTIFS**
[72] TAYS, DWIGHT, CA
[72] PETERS, NIGEL, CA
[72] LILLEY, DAVID, CA
[72] CHAFE, GLEN, CA
[72] ABBOTT, BRIAN, CA
[72] SAXTON, PAT, CA
[72] HOLDEN, GREG, CA
[72] GIRGIS, MARK, CA
[72] DROUIN, OLIVIER, CA
[72] BHATTACHARYA, NEIL, CA
[72] TREVISONNO, MARIO, CA
[72] BAERTHEL, MIKE, CA
[72] KELLY, ROY, CA
[72] PIETRANTONIO, GIOVANNI, CA
[71] TAYS, DWIGHT, CA
[71] PETERS, NIGEL, CA
[71] LILLEY, DAVID, CA
[71] CHAFE, GLEN, CA
[71] ABBOTT, BRIAN, CA
[71] SAXTON, PAT, CA
[71] HOLDEN, GREG, CA
[71] GIRGIS, MARK, CA
[71] DROUIN, OLIVIER, CA
[71] BHATTACHARYA, NEIL, CA
[71] TREVISONNO, MARIO, CA
[71] BAERTHEL, MIKE, CA
[71] KELLY, ROY, CA
[71] PIETRANTONIO, GIOVANNI, CA
[22] 2008-08-22
[41] 2009-11-21
[62] 2,639,093
[30] US (61/071,849) 2008-05-21

---

[21] **2,992,211**
[13] A1
[51] **Int.Cl. C07C 229/24 (2006.01) A61K 31/215 (2006.01) A61K 31/36 (2006.01) A61K 31/4164 (2006.01) A61K 31/426 (2006.01) A61K 31/44 (2006.01) A61K 31/517 (2006.01) A61P 25/00 (2006.01) C07C 69/593 (2006.01) C07C 219/08 (2006.01) C07C 219/32 (2006.01) C07C 223/02 (2006.01) C07C 233/19 (2006.01) C07C 233/91 (2006.01) C07C 243/38 (2006.01) C07C 271/16 (2006.01) C07C 279/08 (2006.01) C07C 317/18 (2006.01) C07C 317/28 (2006.01) C07C 335/08 (2006.01) C07D 213/56 (2006.01) C07D 213/74 (2006.01) C07D 213/89 (2006.01) C07D 233/64 (2006.01) C07D 239/95 (2006.01) C07D 277/42 (2006.01) C07D 317/66 (2006.01)**
[25] EN
[54] **PRODRUGS OF FUMARATES AND THEIR USE IN TREATING VARIOUS DISEASES**
[54] **PROMEDICAMENTS DE FUMARATES ET LEUR UTILISATION POUR LE TRAITEMENT DE DIVERSES MALADIES**
[72] ZEIDAN, TAREK A, US
[72] DUNCAN, SCOTT, US
[72] HENCKEN, CHRISTOPHER P., US
[72] WYNN, THOMAS ANDREW, US
[72] SANRAME, CARLOS N., US
[71] ALKERMES PHARMA IRELAND LIMITED, IE
[22] 2014-03-14
[41] 2014-09-25
[62] 2,906,580
[30] US (61/782,445) 2013-03-14
[30] US (61/934,365) 2014-01-31

---

[21] **2,992,212**
[13] A1
[51] **Int.Cl. C07C 67/29 (2006.01)**
[25] EN
[54] **LACTYLATE SYNTHESIS METHODS USING DILACTIDES**
[54] **PROCEDES DE SYNTHESE DE LACTYLATES A L'AIDE DE DILACTIDES**
[72] WALSH, MARGARET, US
[72] BOTTS, JEFF B., US
[71] CARAVAN INGREDIENTS INC., US
[22] 2010-09-17
[41] 2012-03-22
[62] 2,812,069
[30] US (12/882,921) 2010-09-15

---

[21] **2,992,219**
[13] A1
[51] **Int.Cl. C07C 217/54 (2006.01) A61K 31/5375 (2006.01) C07D 265/30 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING VILOXAZINE SALTS AND NOVEL POLYMORPHS THEREOF**
[54] **PROCEDES DE FABRICATION DE SELS DE VILOXAZINE ET LEURS NOUVEAUX POLYMORPHES**
[72] LIANG, LIKAN, US
[72] BHATT, PADMANABH, US
[72] DAIN, DAVID, US
[72] TAQUET, JEAN-PHILIPPE, FR
[72] PECHENOV, ALEKSANDR, US
[72] TCHESNOKOV, ALEXEI, US
[72] MARIAUX, REYNOLD, CH
[71] SUPERNUS PHARMACEUTICALS INC., US
[22] 2011-04-12
[41] 2011-10-20
[62] 2,795,408
[30] US (61/323,151) 2010-04-12

---

[21] **2,992,231**
[13] A1
[51] **Int.Cl. C07D 239/91 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) C07D 401/04 (2006.01) C07D 401/10 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/10 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 409/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NOVEL ANTI-INFLAMMATORY AGENTS**
[54] **NOUVEAUX AGENTS ANTI-INFLAMMATOIRES**
[72] HANSEN, C. HENRIK, CA
[71] RESVERLOGIX CORP., CA
[22] 2010-03-16
[41] 2010-09-23
[62] 2,754,509
[30] US (61/161,089) 2009-03-18

[21] **2,992,239**
[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **CELL ANALYSIS APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES D'ANALYSE DE CELLULE**
[72] SHARPE, JONATHAN C., NZ
[72] EVANS, KENNETH M., US
[71] XY, LLC, US
[22] 2008-08-21
[41] 2010-02-25
[62] 2,733,259

---

[21] **2,992,243**
[13] A1
[51] **Int.Cl. B64D 41/00 (2006.01) B64D 27/00 (2006.01) F16C 7/02 (2006.01) F16F 7/12 (2006.01) F16M 7/00 (2006.01)**
[25] EN
[54] **SUSPENSION SYSTEM FOR AIRCRAFT AUXILIARY POWER UNIT WITH ELASTOMERIC MEMBER**
[54] **SYSTEME DE SUSPENSION POUR GROUPE AUXILIAIRE D'ENERGIE D'AVION MUNI D'UN ELEMENT ELASTOMERE**
[72] OLSEN, KIRK W., US
[72] KRAKOWSKI, FRANK J., US
[71] LORD CORPORATION, US
[22] 2008-10-20
[41] 2009-04-30
[62] 2,913,375
[30] US (60/981,460) 2007-10-19

---

[21] **2,992,638**
[13] A1
[51] **Int.Cl. B29C 65/10 (2006.01) C08J 5/12 (2006.01)**
[25] EN
[54] **STANDING SEAM PROFILE FIELD WELDING DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE SOUDAGE SUR SITE DE PROFILE A JOINT DEBOUT**
[72] CUMMINGS, HARLEY F., US
[72] RAILKAR, SUDHIR, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2010-12-29
[41] 2011-07-07
[62] 2,782,595
[30] US (12/651,331) 2009-12-31

---

[21] **2,992,678**
[13] A1
[51] **Int.Cl. E04B 5/36 (2006.01) E02D 27/02 (2006.01) E02D 31/00 (2006.01) E04G 11/36 (2006.01)**
[25] EN
[54] **BRACKET ASSEMBLY AND FORMING SYSTEM FOR STRUCTURAL COMPONENTS**
[54] **ENSEMBLE D'ETRIER ET SYSTEME DE FORMATION POUR COMPOSANTS STRUCTURELS**
[72] MOYHER, CHARLES S., US
[71] MOYHER, CHARLES S., US
[22] 2013-01-10
[41] 2013-07-18
[62] 2,860,937
[30] US (13/374,724) 2012-01-10

---

[21] **2,992,772**
[13] A1
[51] **Int.Cl. G01M 99/00 (2011.01) G01B 21/08 (2006.01) G01B 21/20 (2006.01) G01D 21/02 (2006.01)**
[25] EN
[54] **PIPE OUTER SURFACE INSPECTION APPARATUS**
[54] **APPAREIL D'INSPECTION DE SURFACE EXTERIEURE DE TUYAU**
[72] KIMPEL, RICK R., JR., US
[72] PERKINS, RANDALL L., US
[72] KARASEK, BRYAN, US
[71] AEGION COATING SERVICES, LLC, US
[22] 2014-03-14
[41] 2014-09-18
[62] 2,906,711
[30] US (61/793458) 2013-03-15

---

[21] **2,992,783**
[13] A1
[51] **Int.Cl. E05B 5/00 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **RECESSED HANDLE FOR SLIDING WINDOW AND DOOR**
[54] **POIGNEE ENCASTREE POUR FENETRE OU PORTE COULISSANTE**
[72] FONTIJN, MARCEL, US
[71] GOLDBRECHT INC., US
[22] 2014-11-10
[41] 2016-05-10
[62] 2,896,945

---

[21] **2,992,861**
[13] A1
[51] **Int.Cl. C07D 307/52 (2006.01) C07D 307/42 (2006.01) A61K 31/341 (2006.01) C10L 10/00 (2006.01)**
[25] EN
[54] **PREPARATION OF AMINOMETHYL FURANS AND ALKOXYMETHYL FURAN DERIVATIVES FROM CARBOHYDRATES**
[54] **PREPARATION D'AMINOMETHYLFURANES ET DE DERIVES D'ALCOXYMETHYLFURANES A PARTIR DE GLUCIDES**
[72] HOWARD, STEVEN J., US
[72] SANBORN, ALEXANDRA J., US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[22] 2011-12-13
[41] 2012-06-21
[62] 2,820,940
[30] US (61/423,684) 2010-12-16

---

[21] **2,992,897**
[13] A1
[51] **Int.Cl. G01V 3/30 (2006.01) E21B 47/13 (2012.01) E21B 44/00 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **AN APPARATUS FOR WELL LOGGING**
[54] **UN APPAREIL DE DIAGRAPHIE DE PUITS**
[72] YANG, JINZHOU, CN
[72] LI, ZUOHUI, CN
[72] LIN, NAN, CN
[72] WEI, BAOJUN, CN
[72] LIU, QINGLONG, CN
[72] XIAO, HONGBING, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, CN
[22] 2011-12-14
[41] 2012-06-28
[62] 2,822,506
[30] CN (201010601287.5) 2010-12-23

[21] **2,993,040**
[13] A1
[51] **Int.Cl. C10G 25/00 (2006.01) C10G 19/073 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING ORGANIC ACIDS FROM CRUDE OIL AND CRUDE OIL DISTILLATES**
[54] **PROCEDE D'EXTRACTION D'ACIDES ORGANIQUES DE PETROLES BRUTS ET DE DISTILLATS DE PETROLE BRUT**
[72] HARDACRE, CHRIS, GB
[72] GOODRICH, PETER, GB
[72] ANDERSON, KRIS, GB
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB
[22] 2010-03-30
[41] 2010-12-02
[62] 2,763,362
[30] GB (0908986.3) 2009-05-26

---

[21] **2,993,055**
[13] A1
[51] **Int.Cl. H01M 10/42 (2006.01)**
[25] EN
[54] **BATTERY SYSTEM SAFETY SHIELD AND METHOD**
[54] **PROCEDE ET SYSTEME DE PROTECTION DE SECURITE POUR SYSTEME DE BATTERIE**
[72] CONRARDY, WILLIAM N., US
[72] LUPINEK, JAMES R., US
[72] FECHALOS, WILLIAM, US
[72] HEINZ, CHRISTOPHER D., US
[72] BLAKE, PAUL, US
[72] OSKO, MICHAEL T., US
[71] C & C POWER, INC., US
[22] 2014-11-18
[41] 2015-05-22
[62] 2,871,630
[30] US (61/907,676) 2013-11-22

---

[21] **2,993,073**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/022 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ONLINE AUTOMATION**
[54] **SYSTEME ET PROCEDE D'AUTOMATISATION EN LIGNE**
[72] ALDRED, WALTER, GB
[72] DUNLOP, JONATHAN, GB
[72] BELASKIE, JAMES, CN
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2009-10-14
[41] 2010-04-22
[62] 2,734,642
[30] US (61/105,184) 2008-10-14

---

[21] **2,993,208**
[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01) G01M 11/02 (2006.01) G01N 15/02 (2006.01)**
[25] EN
[54] **PARTICLE DETECTION**
[54] **DETECTION DE PARTICULES**
[72] KNOX, RON, AU
[72] AJAY, KEMAL, AU
[72] BOETTGER, KARL, AU
[71] GARRETT THERMAL SYSTEMS LIMITED, GB
[22] 2008-11-14
[41] 2009-05-22
[62] 2,705,830
[30] AU (2007906260) 2007-11-15

---

[21] **2,993,217**
[13] A1
[51] **Int.Cl. B65G 67/24 (2006.01)**
[25] EN
[54] **TRANSPORTABLE DRIVE-OVER CONVEYOR SYSTEM**
[54] **CONVOYEUR A ENTRAINEMENT SUPERIEUR TRANSPORTABLE**
[72] WILCOX, BRIAN, CA
[72] FRIESEN, DAVE, CA
[72] MANNING, CHRIS, CA
[72] BRAUN, RON, CA
[72] JASPERS, BRAYDEN, CA
[71] AG GROWTH INTERNATIONAL INC., CA
[22] 2013-09-19
[41] 2015-03-19
[62] 2,827,356

---

[21] **2,993,232**
[13] A1
[51] **Int.Cl. G01B 21/22 (2006.01)**
[25] EN
[54] **ROTATING BLADE ANALYSIS**
[54] **METHODE D'ANALYSE DE PALES ROTATIVES**
[72] JOUSSELIN, OLIVIER, GB
[71] ROLLS-ROYCE PLC, GB
[22] 2011-02-24
[41] 2011-09-19
[62] 2,732,571
[30] GB (1004559.9) 2010-03-19

---

[21] **2,993,363**
[13] A1
[51] **Int.Cl. C07D 307/92 (2006.01) A61K 31/343 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **NAPHTHOFURAN COMPOUNDS AND COMPOSITIONS FOR TARGETING CANCER STEM CELLS**
[54] **COMPOSES ET COMPOSITIONS DE NAPHTOFURANES DESTINES A CIBLER LES CELLULES SOUCHES DU CANCER**
[72] LI, CHIANG JIA, US
[72] LEGGETT, DAVID, US
[72] LI, YOUZHI, US
[72] LI, WEI, US
[71] BOSTON BIOMEDICAL, INC., US
[22] 2011-03-21
[41] 2011-09-22
[62] 2,946,899
[30] US (61/315,890) 2010-03-19
[30] US (61/315,886) 2010-03-19
[30] US (61/325,814) 2010-04-19

[21] **2,993,404**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **SELECTIVE PROTON COUPLED FOLATE TRANSPORTER AND FOLATE RECEPTOR, AND GARFTASE INHIBITOR COMPOUNDS AND METHODS OF USING THE SAME**
[54] **RECEPTEUR DU FOLATE ET TRANSPORTEUR DU FOLATE SELECTIFS COUPLES AUX PROTONS, ET COMPOSES INHIBITEURS DE LA GARFTASE ET METHODES D'UTILISATION ASSOCIEES**
[72] GANGJEE, ALEEM, US
[72] MATHERLY, LARRY H., US
[71] DUQUESNE UNIVERSITY OF THE HOLY GHOST, US
[71] WAYNE STATE UNIVERSITY, US
[22] 2009-09-30
[41] 2010-04-08
[62] 2,739,250
[30] US (12/242,988) 2008-10-01

[21] **2,993,546**
[13] A1
[51] **Int.Cl. C10G 65/12 (2006.01)**
[25] EN
[54] **HIGH CONVERSION PARTIAL UPGRADING PROCESS**
[54] **PROCEDE DE VALORISATION PARTIELLE A CONVERSION POUSSEE**
[72] COLYAR, JAMES J., US
[72] WISDOM, LAWRENCE, US
[71] IFP ENERGIES NOUVELLES, FR
[22] 2010-12-23
[41] 2011-06-28
[62] 2,726,693
[30] US (12/655,242) 2009-12-28
[30] US (12/658,373) 2010-02-12
[30] US (12/658,378) 2010-02-12

[21] **2,993,554**
[13] A1
[51] **Int.Cl. B63C 9/125 (2006.01) A41D 7/00 (2006.01) A41D 13/012 (2006.01) B63C 9/105 (2006.01) B63C 9/18 (2006.01)**
[25] EN
[54] **SPLASH-RESISTANT AUTOMATICALLY INFLATABLE FLOTATION DEVICE**
[54] **DISPOSITIF DE FLOTTAISON POUVANT ETRE GONFLE AUTOMATIQUEMENT RESISTANT AUX PROJECTIONS D'EAU**
[72] BEACH-DRUMMOND, JAMES, US
[71] MARINE SAFETY PRODUCTS, LLC, US
[22] 2013-08-22
[41] 2014-02-27
[62] 2,882,627
[30] US (61/692,503) 2012-08-23

[21] **2,993,565**
[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NEW INDICATIONS FOR ANTI-IL-1-BETA THERAPY**
[54] **NOUVELLES INDICATIONS POUR UNE THERAPIE ANTI-IL-1-BETA**
[72] GRAM, HERMANN, DE
[72] JUNG, THOMAS, DE
[71] NOVARTIS AG, CH
[22] 2008-05-28
[41] 2008-12-04
[62] 2,947,947
[30] EP (07109084.9) 2007-05-29

[21] **2,993,580**
[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **REDUCED-PRESSURE SYSTEMS, DEVICES, AND METHODS FOR TREATING A TISSUE SI TE THAT INCLUDES A FISTULA**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES A PRESSION REDUITE POUR TRAITEMENT DE SITE DE TISSU QUI COMPREND UNE FISTULE**
[72] HALL, COLIN JOHN, GB
[72] MORMINO, RICHARD PAUL, US
[71] KCI LICENSING, INC., US
[22] 2011-10-06
[41] 2012-04-26
[62] 2,814,324
[30] US (61/394,999) 2010-10-20

[21] **2,993,593**
[13] A1
[51] **Int.Cl. G01V 1/18 (2006.01) G01V 1/24 (2006.01) G01V 1/36 (2006.01) G01V 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LAND BASED SEISMIC DATA ACQUISITION**
[54] **METHODE ET APPAREIL POUR UNE ACQUISITION DE DONNEES SISMIQUES D'ORIGINE TERRESTRE**
[72] RAY, CLIFFORD H., US
[72] FISSELER, GLENN D., US
[72] HAYGOOD, HAL B., US
[71] FAIRFIELD INDUSTRIES, INC., US
[22] 2004-09-21
[41] 2005-08-18
[62] 2,923,032
[30] US (10/766,253) 2004-01-28

[21] **2,993,696**
[13] A1
[51] **Int.Cl. F16H 7/12 (2006.01) B60K 25/02 (2006.01) F02B 67/06 (2006.01) F16H 7/20 (2006.01)**
[25] EN
[54] **ORBITAL TENSIONER**
[54] **TENDEUR ORBITAL**
[72] HARVEY, JOHN, US
[72] STEGELMANN, OLIVER, CA
[72] MARTINEZ, ARNAUD, DE
[72] DILTHEY, JOCHEN, DE
[72] HAENBEUKERS, CASPER, NL
[71] GATES CORPORATION, US
[22] 2014-10-02
[41] 2015-11-05
[62] 2,946,320
[30] US (14/263,853) 2014-04-28

---

[21] **2,993,711**
[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01) G01N 21/53 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO PARTICLE DETECTORS**
[54] **AMELIORATIONS APPORTEES A DES DETECTEURS DE PARTICULES**
[72] KNOX, RON, AU
[72] BOETTGER, KARL, AU
[72] AJAY, KEMAL, AU
[71] GARRETT THERMAL SYSTEMS LIMITED, GB
[22] 2010-05-03
[41] 2010-11-04
[62] 2,760,026
[30] AU (2009901922) 2009-05-01
[30] AU (2009901923) 2009-05-01
[30] AU (2009901924) 2009-05-01
[30] AU (2009901925) 2009-05-01
[30] AU (2009901926) 2009-05-01
[30] AU (2009901927) 2009-05-01

---

[21] **2,993,733**
[13] A1
[51] **Int.Cl. A61M 39/22 (2006.01) A61M 39/02 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **COLLAPSIBLE VALVE**
[54] **VALVE COMPRESSIBLE**
[72] MANSOUR, GEORGE M., US
[72] BENNETT, JAMES, US
[71] CAREFUSION 303, INC., US
[22] 2010-02-22
[41] 2011-02-03
[62] 2,769,268
[30] US (12/512719) 2009-07-30

---

[21] **2,993,736**
[13] A1
[51] **Int.Cl. E01B 11/54 (2006.01)**
[25] EN
[54] **LAP JOINT**
[54] **JOINT A RECOUVREMENT**
[72] URMSON, WILLIAM T., JR., US
[72] MOSPAN, JOHN W., US
[72] REMINGTON, JAMES A., US
[71] KOPPERS DELAWARE, INC., US
[22] 2007-09-14
[41] 2008-03-15
[62] 2,964,510
[30] US (60/844,774) 2006-09-15
[30] US (11/900,635) 2007-09-12

---

[21] **2,993,836**
[13] A1
[51] **Int.Cl. F16C 43/00 (2006.01) F16C 41/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND NUT FOR PRELOADING A BEARING**
[54] **METHODE, APPAREIL ET ECROU POUR PRECHARGER UN PALIER**
[72] RODE, JOHN E., US
[71] TEMPER AXLE PRODUCTS CORPORATION, US
[22] 2007-01-25
[41] 2007-07-27
[62] 2,863,789
[30] US (11/341,948) 2006-01-27
[30] US (11/354,513) 2006-02-15

---

[21] **2,993,848**
[13] A1
[51] **Int.Cl. A61B 6/10 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **GENERATING A SUITABLE MODEL FOR ESTIMATING PATIENT RADIATION DOSE RESULTING FROM MEDICAL IMAGING SCANS**
[54] **GENERATION D'UNE ESTIMATION D'UNE DOSE DE RAYONNEMENT D'UN PATIENT RESULTANT D'EXAMENS D'IMAGERIE MEDICALE**
[72] COUCH, JAMES, CA
[72] COUGH, GREGORY, CA
[71] BAYER HEALTHCARE LLC, US
[22] 2011-12-08
[41] 2012-06-14
[62] 2,819,331
[30] US (61/420,834) 2010-12-08

---

[21] **2,993,967**
[13] A1
[51] **Int.Cl. C07D 285/16 (2006.01) C07C 233/02 (2006.01) C07C 255/49 (2006.01) C07C 307/10 (2006.01)**
[25] EN
[54] **PROCESSES AND INTERMEDIATES FOR MAKING SWEET TASTE ENHANCERS**
[54] **PROCEDES ET INTERMEDIAIRES POUR LA REALISATION D'EXHAUSTEURS DE GOUT SUCRE**
[72] TACHDJIAN, CATHERINE, US
[72] KARANEWSKY, DONALD S., US
[72] TANG, XIAO QING, US
[72] CHEN, QING, US
[72] RASHID, TAYYAB, US
[72] LEVIN, DANIEL, US
[72] LEEMING, PETER, US
[71] SENOMYX, INC., US
[22] 2009-07-29
[41] 2010-02-04
[62] 2,731,800
[30] US (61/085,206) 2008-07-31
[30] US (61/167,654) 2009-04-08

---

[21] **2,994,122**
[13] A1
[51] **Int.Cl. F26B 21/00 (2006.01) F26B 11/04 (2006.01) F26B 25/16 (2006.01)**
[25] EN
[54] **DUAL TUMBLE DRYER UNIT AND SYSTEM**
[54] **SYSTEME ET UNITE DE SECHAGE A DOUBLE CULBUTAGE**
[72] PUCKETT, JOHN, US
[72] LEMNA, MARK S., US
[71] BARLEAN'S ORGANIC OILS, LLC, US
[22] 2014-05-23
[41] 2014-11-27
[62] 2,911,968
[30] US (61/826,891) 2013-05-23

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,994,260**
[13] A1
[51] **Int.Cl. B25B 23/16 (2006.01) B23B 45/00 (2006.01) B25B 13/48 (2006.01) B25B 23/00 (2006.01) B25G 1/02 (2006.01)**
[25] EN
[54] **EXTENSION SHAFT FOR HOLDING A TOOL FOR ROTARY DRIVEN MOTION**
[54] **TIGE DE RALLONGE SERVANT A TENIR UN OUTIL EN VUE D'UN MOUVEMENT ENTRAINE PAR ROTATION**
[72] KOZAK, BURTON, US
[72] KOZAK, IRA, US
[71] KOZAK, BURTON, US
[71] KOZAK, IRA, US
[22] 2009-09-15
[41] 2010-03-25
[62] 2,736,504
[30] US (12/284,156) 2008-09-18

---

[21] **2,994,322**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **BOTANICAL DRUG SUBSTANCES COMPRISING VARIOUS PROPORTIONS OF THC AND CBD**
[54] **SUBSTANCES MEDICAMENTEUSES A BASE DE VEGETAUX CONTENANT DES TAUX VARIES DE THC ET DE CBD**
[72] WHITTLE, BRIAN ANTHONY, GB
[72] HILL, COLIN A., GB
[72] FLOCKHART, IAN R., GB
[72] DOWNS, DAVID VICTOR, GB
[72] GIBSON, PETER, GB
[72] WHEATLEY, GARY WILLIAM, GB
[71] GW PHARMA LIMITED, GB
[22] 2003-08-14
[41] 2004-02-14
[30] GB (0218901.7) 2002-08-14
[30] US (10/218972) 2002-08-14

---

[21] **2,994,429**
[13] A1
[51] **Int.Cl. A61B 90/70 (2016.01) A61M 25/00 (2006.01) A61M 27/00 (2006.01) B08B 9/043 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES TO CLEAR OBSTRUCTIONS FROM MEDICAL TUBES**
[54] **PROCEDES ET DISPOSITIFS DESTINES A L'ELIMINATION D'OBSTRUCTIONS DE TUBULURES MEDICALES**
[72] BOYLE, EDWARD M., JR., US
[72] DALE, NATHAN J., US
[72] LEONARD, PAUL C., US
[72] GILLINOV, ALAN MARC, US
[72] KIDERMAN, SAM, US
[72] COHN, WILLIAM E., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[71] CLEARFLOW, INC., US
[22] 2009-01-26
[41] 2009-10-01
[62] 2,712,438
[30] US (61/023,829) 2008-01-25
[30] US (61/189,850) 2008-08-22

---

[21] **2,994,435**
[13] A1
[51] **Int.Cl. B24D 3/02 (2006.01) B24D 11/00 (2006.01) B24D 18/00 (2006.01)**
[25] EN
[54] **ABRASIVE ARTICLE INCORPORATING AN INFILTRATED ABRASIVE SEGMENT**
[54] **ARTICLE ABRASIF INCORPORANT UN SEGMENT ABRASIF INFILTRE**
[72] HOANG, MARC L., FR
[72] GOSAMO, IGNAZIO, BE
[72] HEYEN, ANDRE R. G., BE
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[22] 2010-12-31
[41] 2011-07-07
[62] 2,887,148
[30] US (61/291,785) 2009-12-31

---

[21] **2,994,450**
[13] A1
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/18 (2006.01) A47L 9/10 (2006.01) B04C 9/00 (2006.01)**
[25] EN
[54] **CYCLONE CONSTRUCTION FOR A SURFACE CLEANING APPARATUS**
[54] **CYCLONE POUR APPAREIL DE NETTOYAGE DES SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
[22] 2011-01-31
[41] 2011-09-12
[62] 2,730,633
[30] US (12/723,138) 2010-03-12

---

[21] **2,994,586**
[13] A1
[51] **Int.Cl. A61K 31/202 (2006.01) A61K 31/198 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING UNSATURATED FATTY ACIDS AND NITRIC OXIDE RELEASING COMPOUNDS AND USE THEREOF FOR ENHANCING CONGNITIVE AND RELATED FUNCTIONS**
[54] **COMPOSITIONS COMPRENANT DES ACIDES GRAS INSATURES ET DES COMPOSES LIBERANT DE L'OXYDE NITRIQUE ET LEUR UTILISATION POUR AMELIORER DES FONCTIONS COGNITIVES ET APPARENTEES**
[72] PAN, YUANLONG, US
[71] NESTEC S.A., CH
[22] 2008-12-19
[41] 2009-07-16
[62] 2,709,660
[30] US (61/010,097) 2008-01-04
[30] US (61/137,382) 2008-07-30

[21] **2,994,605**
[13] A1
[51] **Int.Cl. B32B 5/32 (2006.01) B32B 7/02 (2006.01) B32B 27/12 (2006.01) B32B 27/30 (2006.01) B32B 38/14 (2006.01)**
[25] EN
[54] **LOW GLOSS, AIR PERMEABLE, ABRASION RESISTANT, PRINTABLE LAMINATE CONTAINING AN ASYMMETRIC MEMBRANE AND ARTICLES MADE THEREFROM**
[54] **STRATIFIE DE FAIBLE BRILLANCE, PERMEABLE A L'AIR, RESISTANT A L'ABRASION, IMPRIMABLE, RENFERMANT UNE MEMBRANE ASYMETRIQUE ET ARTICLES OBTENUS A PARTIR DE CELUI-CI**
[72] HODGINS, MICHAEL E., US
[72] SKAIFE, JUSTIN J., US
[72] LUBER, DAVID J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[22] 2014-01-09
[41] 2014-07-24
[62] 2,898,185
[30] US (13/830,906) 2013-03-14
[30] US (61/754,336) 2013-01-18

---

[21] **2,994,608**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **DUAL CHAMBER SYRINGE WITH RETRACTABLE NEEDLE**
[54] **SERINGUE A DOUBLE COMPARTIMENT COMPRENANT UNE AIGUILLE RETRACTABLE**
[72] ZIVKOVIC, IVAN, US
[72] HAGER, JORGEN, SE
[72] HANDBERG, ULF, SE
[72] HANNER, GERT, SE
[72] WAHLBERG, ULF, SE
[72] HOLMA, THOMAS, SE
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2011-07-21
[41] 2012-01-26
[62] 2,806,216
[30] US (61/366,874) 2010-07-22
[30] US (13/187,200) 2011-07-20

---

[21] **2,994,639**
[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01) E04C 2/40 (2006.01)**
[25] EN
[54] **FLOOR PANEL**
[54] **PANNEAU DE PLANCHER**
[72] CAPPELLE, MARK, BE
[71] FLOORING INDUSTRIES LIMITED, SARL, LU
[22] 2008-11-19
[41] 2009-05-28
[62] 2,702,876
[30] BE (BE 2007/0567) 2007-11-23
[30] US (61/071,201) 2008-04-17
[30] DE (20 2008 008 597) 2008-06-26

---

[21] **2,994,743**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **CATHETER WITH PRESSURE MEASURING TIP**
[54] **CATHETER EQUIPE D'UNE SONDE DE MESURE DE PRESSION**
[72] BEECKLER, CHRISTOPHER THOMAS, US
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[41] 2011-05-30
[62] 2,721,883
[30] US (12/627,327) 2009-11-30

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[21] **2,994,873**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/54 (2006.01) A61K 31/13 (2006.01) A61P 25/00 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/20 (2006.01)**
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[41] 2011-06-09
[62] 2,782,556
[30] US (61/266,053) 2009-12-02

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[21] **2,995,018**
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[71] PHARMA MAR, S.A., ES
[22] 2011-11-11
[41] 2012-05-18
[62] 2,817,420
[30] EP (10382300.1) 2010-11-12

[21] **2,995,025**
[13] A1
[51] **Int.Cl. A61K 31/4995 (2006.01) A61P 35/00 (2006.01)**
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[41] 2012-05-18
[62] 2,817,420
[30] EP (10382300.1) 2010-11-12

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[21] **2,995,125**
[13] A1
[51] **Int.Cl. A61C 19/06 (2006.01)**
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[22] 2011-06-07
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[62] 2,802,797
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CAMPAU, DANIEL N. 2,994,988
CAMPBELL, DONALD B. 2,994,844
CANGIALOSI, VINCENT 2,993,816
CAO, GUORONG 2,984,193
CAO, HONGKUI 2,995,142
CAO, ZHENZHEN 2,995,288
CAPITAL ONE SERVICES, LLC 2,994,698
CAPITAL ONE SERVICES, LLC 2,994,833
CAPPELN, CHRISTIAN DITLEV 2,994,867
CAPPELN, CHRISTIAN DITLEV 2,995,251
CARAVAN, PETER 2,995,210
CARDINALE, CHRISTOPHER 2,994,719
CAREFUSION 303, INC. 2,994,107
CAREY, JAMES 2,994,712
CARGILL, INCORPORATED 2,995,024
CARIBOU BIOSCIENCES, INC. 2,994,166
CARL FREUDENBERG KG 2,993,887
CARLAY, RONALD L. 2,994,844
CARLISLE FLUID TECHNOLOGIES, INC. 2,993,977
CARPENTER, DAVID 2,994,679
CARRELL, DOUGLAS T. 2,994,968
CARRERA FABRA, JORDI 2,992,706
CARRETTIN, SILVIO 2,995,299
CARSGEN THERAPEUTICS LTD 2,994,751
CARSTENS, KERI 2,995,234
CARTER, DAVID J. 2,994,371
CASALE SA 2,994,052
CASALI, FRANK NICK 2,995,246
CASCADE CORPORATION 2,995,127
CASTEL, PAU 2,992,945
CELL MACHINES, INC. 2,994,971
CEPRESS, CARL 2,994,698
CEPRESS, CARL 2,995,199
CHAGNON, JEFFREY THOMAS 2,994,801
CHAGNON, JEFFREY THOMAS 2,994,802
CHAGNON, JEFFREY THOMAS 2,994,803
CHAGNON, JEFFREY THOMAS 2,994,804
CHAMBERLAIN, STEPHEN SMITH 2,995,286
CHAN, CHIO MUI 2,994,951
CHAN, IVAN HO 2,995,120
CHANDRASEKARAN, SIDDARTH 2,995,355
CHANG, CHEW-SHUN 2,995,387
CHAWLA, GAURAV 2,993,821
CHEN, BIN 2,994,581
CHEN, CHIAHUNG 2,995,289
CHEN, CHIH-KUANG 2,994,987
CHEN, DAN 2,994,213
CHEN, HONGMING 2,995,290
CHEN, JUNYU 2,994,980
CHEN, SEAN JY-SHYANG 2,995,312
CHEN, XIYI 2,993,993
CHEN, YI-PING 2,994,809
CHEN, YUE 2,995,132
CHENG, MARCO 2,994,107
CHEONG, SEOKJUNG 2,994,948
CHERIAN, GEORGE 2,993,841
CHERIAN, GEORGE 2,994,176
CHERIAN, GEORGE 2,994,179
CHHABRA, ANUPMA 2,993,984
CHILDREN'S MEDICAL CENTER CORPORATION 2,994,702
CHIU, ISAAC 2,994,729
CHOI, HYEONG WOOK 2,994,842
CHOI, SANGJO 2,993,991
CHOPADE, PRASHANT 2,994,097
CHOU, CHIEN-HUNG 2,991,572
CHOU, CHUAN-CHU 2,994,579
CHOU, STEPHEN Y. 2,995,204
CHOWDHURY, PARTHA S. 2,995,387
CHOY, WING SZE WENDY 2,994,759
CHRISTIE, MICHAEL 2,987,829
CHRYSO 2,994,197
CLANCY, DAVID 2,994,837
CLARK, CHRISTOPHER T. 2,991,572
CLARK, TIMOTHY JAMES 2,995,285
CLEANTEK INDUSTRIES INC. 2,994,872
CLOMBURG, JAMES M. 2,994,948
CLOONAN, THOMAS J. 2,993,833
CLOUGH, NORMAN E. 2,995,208
COAKLEY, ROY C. 2,995,245
COBBOLD, MARK 2,995,103
COCHRAN, ALEX 2,995,234
CODONY GISBERT, SANDRA 2,993,882
COELHO, PHILIP H. 2,994,125
COFFEY, GREGORY 2,994,850
COLLAZO, ORLANDO 2,995,208
COLLIER, R. JOHN 2,994,729
COLLINE OF FLORIDA, LLC 2,993,960
COLLISON, JOHN BROCHAN 2,995,355
COLLOCA, STEFANO 2,988,481
CONCERT PHARMACEUTICALS, INC. 2,994,153
CONCERT PHARMACEUTICALS, INC. 2,994,169
CONOCOPHILLIPS COMPANY 2,994,672
CONSTANTINEAU, COLE 2,994,801
CONSTANTINEAU, COLE 2,994,802

CONSTANTINEAU, COLE 2,994,803
CONSTANTINEAU, COLE 2,994,804
CONTRERAS BERMEJO, JUSTO 2,993,888
COOL OFF PTY LTD 2,995,396
CORBIN, JOHN A. 2,994,841
CORDOBA, SHAUN 2,983,687
CORDOVA, CRISTINA JOELLE 2,995,355
CORRENTI, COLIN 2,994,865
CORTESE, RICCARDO 2,988,481
COTTELL, JEROMY J. 2,991,572
COZZA, FRANK CHARLES 2,995,360
CRAFTS, JORDAN H. 2,994,708
CRAIG, FRANK F 2,987,513
CRANE, VIRGINIA 2,994,676
CRAYONANO AS 2,993,884
CROWN EQUIPMENT CORPORATION 2,995,373
CUCHIARA, MICHAEL 2,994,800
CUI, LONGLAN 2,994,980
CUNNINGHAM, CAROL A. 2,994,811
CUNNINGHAM, MAJOSEFINA 2,995,001
CURCIC, IGOR 2,993,798
CURLETT, JOSHUA 2,994,872
CYR, GREGORY J. 2,993,833
CYTEC INDUSTRIES INC. 2,993,973
DABKOWSKI, MARCEL FILIP 2,994,040
DABKOWSKI, MARCEL FILIP 2,994,041
DADO, GREGORY P. 2,994,146
DADO, GREGORY P. 2,994,147
DAGENAIS, PETE 2,869,855
DALL'ACQUA, WILLIAM 2,995,387
DALTON, MICHAEL 2,994,210
DALZELL, RICHARD 2,993,936
DAMIAN, VALERIU 2,994,043
DAMMEN, MICHAEL 2,995,221
DANA-FARBER CANCER INSTITUTE, INC. 2,995,372
DANA-FARBER CANCER INSTITUTE, INC. 2,995,374
DANA-FARBER CANCER INSTITUTE, INC. 2,995,375
DANE, ALLISON 2,985,945
DANIEL MEASUREMENT AND CONTROL, INC. 2,994,145
DANIEL MEASUREMENT AND CONTROL, INC. 2,994,148
DANIEL MEASUREMENT AND CONTROL, INC. 2,994,149
DANIELS, JEFFREY LEE 2,995,221
DANZ, JAMES WILLIAM 2,995,355
DARLING, CHARLES M., IV 2,994,824
DAVIS, JAMES TIMOTHY 2,993,947
DE SMIT, EMIEL 2,995,299
DE VRIES, BART 2,995,061
DE WAAL, LUC 2,995,375
DEJESUS, NATALIE 2,995,222
DELTA ENERGY & COMMUNICATIONS, INC. 2,994,661
DELUCA, BRIAN E. 2,994,833
DEMARTINO, JULIE 2,994,180
DEMING, LAURA 2,993,835
DENAYER, JOERI 2,995,299
DENKBERG, GALIT 2,987,889
DEPAZ, ROBERTO 2,995,222
DEPENBUSCH, MICHAEL JEROME 2,995,336
DEPERRO, JASON 2,994,698
DEPERRO, JASON 2,995,199
DEPUY SYNTHES PRODUCTS, INC. 2,994,125
DERRY, JONATHAN 2,994,180
DESHPANDE, SACHIN G. 2,995,157
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,988,446
DHEERAJ, DASA 2,993,884
DILLE, MARK C. 2,994,862
DILMANIAN, F. AVRAHAM 2,994,816
DIMASSIMO, RICHARD 2,993,963
DINEEN, ANDREW 2,994,371
DING, GANG 2,994,179
DING, WEI 2,995,204
DING, ZHILONG 2,995,290
DIRCKSEN, CHRISTINA M. 2,995,371
DISPLAY TECHNOLOGIES, LLC 2,994,963
DODDS, MICHAEL W. 2,991,772
DOHERTY, RYAN 2,994,857
DOLAN, DAVID J. 2,994,708
DOMINGUEZ, ESTHER DE TORRES 2,993,278
DONDERICI, BURKAY 2,995,209
DONG, XUE MIN 2,994,146
DONG, XUE MIN 2,994,147
DONOHOUE, PAUL DANIEL 2,994,166
DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED 2,991,178
DORNOCH MEDICAL SYSTEMS, INC. 2,994,152
DOROFEEV, GENRIKH ALEKSEEVICH 2,995,170
DOSHEV, PETAR 2,993,886
DOUGAN, STEPHANIE 2,995,372
DOW GLOBAL TECHNOLOGIES LLC 2,994,980
DOYLE, AUSTIN KEITH 2,994,043
DRENTH, CHRISTOPHER L. 2,995,112
DUERKOP, DETLEV 2,995,016
DUERKOP, DETLEV 2,995,353
DUFFY, BEN A. 2,994,942
DUMBUYA, KARIFALA 2,994,154
DUMONT, ROBERT HAROLD JEAN 2,995,285
DUNCAN, ANDREW 2,994,667
DUNLEVY, TIMOTHY SCOTT 2,994,673
DUNMAN, PAUL M. 2,993,999
DUNN, MICHAEL 2,995,094
DURANT, YVON 2,994,665
DURING, MATTHEW 2,994,952
DURR SYSTEMS AG 2,994,202
DUTCUS, CORINA 2,994,925
DUTZAR, BENJAMIN H. 2,983,030
DYKSTRA, JASON D. 2,994,932
E. I. DU PONT DE NEMOURS AND COMPANY 2,994,676
E. I. DU PONT DE NEMOURS AND COMPANY 2,995,221
E. I. DU PONT DE NEMOURS AND COMPANY 2,995,234
ECKEL MANUFACTURING CO., INC. 2,993,820
ECOLAB USA INC. 2,994,677
ECOLAB USA INC. 2,994,681
ECOLAB USA INC. 2,994,684
EDMONDSON, AMY 2,995,231
EFFERTZ, CHRISTIAN 2,995,016
EFFERTZ, CHRISTIAN 2,995,353
EILERSEN, MICHAEL 2,994,867
EISAI R&D MANAGEMENT CO., LTD. 2,994,842
EISAI R&D MANAGEMENT CO., LTD. 2,994,925
EK, CARL-GUSTAF 2,988,363
EL-MANKABADY, EMAD 2,994,108
ELDORADO GOLD CORPORATION 2,994,566
ELDORADO GOLD CORPORATION 2,994,578
ELEY, JOHN GORDON 2,994,816
ELLMAUTHALER, ANDREAS 2,995,073
ELTEK S.P.A. 2,995,039
EMBURY, STEPHEN H. 2,986,902
ENCISO, JORGE 2,994,145
ENDO, ATSUSHI 2,994,842
ENDOCYTE, INC. 2,995,371
ENG, JERRY MON HEI 2,993,973
ENGEL, HOLGER 2,992,706
ENGELBRETH, DAN 2,994,792
ENGLISH, JAMES 2,994,676
EP MINERALS, LLC 2,995,122
EP TECHNOLOGIES LLC 2,993,803
EPIONTIS GMBH 2,995,350
EPISONA, INC. 2,994,968
EREL SEGAL, REUT 2,987,889
ERICSON, DANIEL GRANT 2,994,959
ERIKSSON, ERIK 2,993,988
ERLEBACH, JOSEF 2,995,216
ESCARENO, ANGELICA ESTEFANIA 2,993,984
ESSENLIX CORP. 2,995,204
ESSLINGER, MORITZ 2,994,206
ETKIND, JOSHUA 2,994,041
EVANS, ERIC R. 2,993,936
EVOLUTION RESOURCE GROUP PTY LTD 2,995,391
EVONIK FIBRES GMBH 2,994,035
EXOSECT LIMITED 2,993,798
EXPLISEAT 2,994,042
EXXONMOBIL CHEMICAL PATENTS INC. 2,995,299
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,995,001
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,994,817
F.HOFFMANN-LA ROCHE AG 2,994,787
FACEBOOK, INC. 2,993,984
FALLIN, T. WADE 2,993,811
FAN, PEI 2,983,030

FAN, XIAOHU 2,994,579
FANG, FANG 2,994,645
FANG, FRANCIS 2,994,842
FANG, ZHONGNAN 2,995,019
FARRITOR, SHANE 2,994,823
FATTAL, DAVID A. 2,992,307
FATTAL, DAVID A. 2,993,850
FATTAL, DAVID A. 2,993,939
FENG, JIAJIA 2,994,850
FENGLER, KEVIN 2,994,676
FERO GROUP PTY LTD 2,995,399
FEUTRILL, JOHN 2,994,975
FIELD WATER TESTING, LLC 2,994,667
FILIPPOVITCH, SERGEI 2,994,191
FIMLAND, BJORN OVE 2,993,884
FINA TECHNOLOGY, INC. 2,994,126
FIORENZANI, TIZIANO 2,993,807
FIRMA DILO ARMATUREN UND ANLAGEN GMBH 2,994,046
FISCHER, KAI JUERGEN 2,994,041
FISHER & PAYKEL HEALTHCARE LIMITED 2,994,060
FISHER CONTROLS INTERNATIONAL LLC 2,994,200
FISHER, JONATHAN 2,982,532
FITZHUGH, BRYAN 2,995,383
FLEXIBLE TECHNOLOGIES, INC. 2,994,844
FLOW-RITE CONTROLS, LTD. 2,994,988
FLOYD, JOHN R. 2,993,823
FONG, CHRIS B. 2,995,385
FORUM US, INC. 2,994,862
FORWARD WATER TECHNOLOGIES 2,995,285
FOSHAN SHUNDE MIDEA WASHING APPLIANCES MFG. CO., LTD. 2,995,142
FOSTER, KEITH ALAN 2,994,729
FOSTER, SCOTT 2,994,661
FOWLER, EDWARD A. 2,994,185
FRANSSON, JOHAN 2,994,825
FRANZMANN, ELIZABETH 2,992,370
FRASER, DESMOND A. 2,994,953
FRATER, JAMES J. 2,995,315
FRED HUTCHINSON CANCER RESEARCH CENTER 2,994,865
FREEMAN, THOMAS B. 2,993,996
FRENGER, PAL 2,993,988
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,993,880
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,993,812
FRIPP, MICHAEL L. 2,869,855
FRITSCHE, JENS 2,994,771
FROEBERG OLSSON, JONAS 2,993,988
FRYE, STACIE 2,993,993
FUJIMURA, YOSHITOMO 2,995,056
FURUSAKO, SEIJI 2,994,926
FUSMOBILE INC. 2,995,114
GAFFURI, PAUL 2,994,119
GAGNON, MICHEL 2,994,869
GALE, ERIC M. 2,995,210
GALSTIAN, TIGRAN 2,995,131
GALT, KENNETH M. 2,995,240
GALVIN, GABRIEL M. 2,994,687
GANE, PATRICK A.C. 2,994,210
GANZ, MARCUS 2,995,026
GAO, FENG 2,995,142
GARCIA CASTELBLANCO, ROBERTO 2,994,880
GARCIA-MARTINEZ, LEON 2,983,030
GARIBOTTO, JOHN T. 2,993,816
GARNIER, CLAIR 2,994,126
GAT, URI 2,995,156
GATINEL, DAMIEN 2,994,211
GEARHART, MICHAEL W. 2,995,194
GEIGLE, WILLIAM L. 2,995,221
GENENTECH, INC. 2,994,858
GENENTECH, INC. 2,995,385
GENESIS ROBOTICS LLP 2,995,286
GENEST, MELINDA 2,994,180
GERAETS, JAMES M. 2,993,800
GESTLE, MATHIAS 2,994,046
GEUMEZ, GILLES JEAN 2,994,031
GIBERMAN, ALEXANDER S. 2,995,194
GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH 2,993,901
GILEAD SCIENCES, INC. 2,991,572
GILLETT, NICHOLAS ROSS 2,995,272
GIRARD, EMILY JUNE 2,994,865
GLAXOSMITHKLINE BIOLOGICALS SA 2,988,481
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,994,043
GLEJBOL, KRISTIAN 2,994,867
GLEJBOL, KRISTIAN 2,995,251
GLEJBOL, KRISTIAN 2,995,303
GLENN, DARIN 2,995,090
GLENN, RICHARD A. 2,994,800
GLYCOTOPE GMBH 2,993,885
GLYCOTOPE GMBH 2,994,044
GOLDFINE, IRA 2,994,841
GOLDFINGER, VALENTINA 2,994,771
GOLETZ, STEFFEN 2,993,885
GOLETZ, STEFFEN 2,994,044
GOLI, GOKULKRISHNA SEETARAMAIAH 2,994,148
GOLIAS, JASON M. 2,995,001
GONZALEZ, RAMON 2,994,948
GOODMAN, COREY 2,993,835
GORDON, SYDNEY 2,994,927
GRAHAM, PHILIP B. 2,994,153
GRANDY, SHELLEY MARIE 2,994,953
GRAVER TECHNOLOGIES LLC 2,994,725
GRAY, ROBERT L. 2,993,803
GRAZIOLI, FABIANA 2,988,481
GREENWOOD, WILLIAM F. 2,994,709
GREENWOOD, WILLIAM F. 2,994,752
GREINDL, ALEXANDER 2,994,587
GREULICH, HEIDI 2,995,375
GREWAL, RANDEEP 2,994,149
GREWAL, RANDEEP SINGH 2,994,145
GREWAL, RANDEEP SINGH 2,994,148
GROESCHEL, KERRY DWAYNE 2,994,145
GROGAN, JANE L. 2,994,858
GROLLER, JASON 2,994,708
GROMADA, JESPER 2,993,976
GRYNAEUS, PETER 2,993,887
GRZYWACZ, DAVID 2,993,798
GU, GUIJIANG 2,984,193
GU, LEO 2,994,859
GUANGDONG MIDEA CONSUMER ELECTRICS MANUFACTURING CO., LTD. 2,994,580
GUANGDONG MIDEA CONSUMER ELECTRICS MANUFACTURING CO., LTD. 2,994,581
GUDAS, JEAN 2,994,951
GUERRA, LAWRENCE E. 2,994,152
GUILLERMO LOPEZ-AROSTEGUI SAENZ 2,994,618
GUILLON, REMI 2,994,036
GUNTHER TROSTER E.K. 2,994,196
GUPTA, PRIYANSHU 2,994,826
GUPTA, RAM B. 2,993,973
GUSAROVA, VIKTORIA 2,993,976
GUSTAFSSON, KENTH 2,982,532
H.E.F 2,989,983
HAARBURGER, DANIEL 2,994,836
HAEGELE, JASON 2,995,234
HAGAR, JESSE A. 2,993,837
HAKONARSON, HAKON 2,994,719
HAKONARSON, HAKON 2,994,724
HALL, GEOFFREY WILLIAM 2,994,827
HALLIBURTON ENERGY SERVICES, INC. 2,869,855
HALLIBURTON ENERGY SERVICES, INC. 2,993,949
HALLIBURTON ENERGY SERVICES, INC. 2,994,093
HALLIBURTON ENERGY SERVICES, INC. 2,994,097
HALLIBURTON ENERGY SERVICES, INC. 2,994,932
HALLIBURTON ENERGY SERVICES, INC. 2,995,066
HALLIBURTON ENERGY SERVICES, INC. 2,995,069
HALLIBURTON ENERGY SERVICES, INC. 2,995,073
HALLIBURTON ENERGY SERVICES, INC. 2,995,209
HALLIBURTON ENERGY SERVICES, INC. 2,995,342
HALLIBURTON ENERGY SERVICES, INC. 2,995,348
HALO, LAURA MARIA 2,994,043
HAMADA, KOICHI 2,995,048
HAMID, SYED 2,869,855
HAMILTON, PAUL 2,995,299
HAMMER, JOE K. 2,995,373
HAMPTON, JESSE CLAY 2,995,069
HANANEL, ARI 2,995,114
HANLEY, EDWARD E. 2,994,715

HANLEY, LUCIANA E. 2,994,715
HANSEN, NESTOR 2,994,126
HANYU, KEIGO 2,994,793
HAO, JIAYING 2,994,579
HARB, ZIAD ABOU 2,994,733
HARDING, EMMA R. 2,994,043
HAREL, MORDECHAI 2,994,112
HARSULE, SWAPNIL SUDHIR 2,994,172
HARUNA, HIROSHI 2,994,527
HASANI, FISNIK T. 2,995,346
HASHIMOTO, MASARU 2,995,058
HASHIMOTO, TOSHIHIKO 2,994,515
HAVENTEC PTY LTD 2,995,394
HAYAKAWA, ISAMU 2,995,056
HAYASHI, YUKIO 2,994,648
HAZEL, PAUL 2,993,890
HAZEMANN, JULIEN 2,993,893
HAZEN, MEREDITH 2,994,858
HE, XI C. 2,993,970
HEALY, MIMI 2,993,993
HEATH, DAVID 2,995,317
HEBBAR, SUDARSHAN 2,995,094
HEDSTROM, BLAKE 2,994,669
HEIDBRINK THOMPSON, JENNY 2,995,387
HEIGIS, JOHN 2,995,024
HEIKES, JEFFREY R. 2,993,800
HELDMAN, ANDREW JAMES 2,993,977
HELGERSON, JOEL 2,993,811
HENDRICKS, JEFFREY 2,994,634
HENDRIX, KATHERINE LEE 2,983,030
HENLEX INC. 2,994,869
HERRLICH, ULRIKE 2,993,887
HESSLER, MARTIN 2,993,988
HEUER, FRANK 2,993,878
HEY, JOHN 2,995,093
HIKICHI, TETSURO 2,994,929
HINES, ZACHARY 2,994,857
HIRANO, TATSUMI 2,994,527
HISTIDE AG 2,995,310
HITACHI HIGH-TECHNOLOGIES CORPORATION 2,994,527
HITACHI METALS TECHNO, LTD. 2,994,920
HJORTH, MICHAEL 2,995,251
HOCHFIELD, BARRY 2,995,317
HODGES, WILLIAM A. 2,994,833
HOIAAS, IDA MARIE 2,993,884
HOJSGAARD, SOREN 2,993,963
HOLLAND, AMY MARIE 2,995,285
HOLLINGER, KRISTEN 2,994,162
HOLMES, DAVID 2,987,513
HOLST, THORSTEN 2,995,257
HOLTSCLAW, JEREMY 2,994,097
HOMMA, MASATOSHI 2,995,168
HONG, XUAN 2,994,043
HORSAGER, ALAN 2,994,968
HOSEN, NAOKI 2,995,046
HOSEN, NAOKI 2,995,166
HOSHINO, MAKI 2,995,318
HOSOGAI, NAOMI 2,995,188
HOUBERTZ, RUTH 2,994,206
HOWARD, PHILIP WILSON 2,982,516
HOWARD, PHILIP WILSON 2,982,522
HOWE, JEFFREY JOSEPH 2,993,833
HSU, CHRISTOPHER 2,993,824
HSU, PEILING 2,995,289
HU, HENGFA 2,995,290
HUANG, HAIDONG 2,986,237
HUANG, XUEFENG 2,995,255
HUAWEI TECHNOLOGIES CO., LTD. 2,995,288
HUBIN, TIMOTHY J. 2,995,084
HUGHES, PATRICK J. 2,994,953
HULEA, ANCUTA IOANA 2,994,041
HUNDAL, SUKHDEEP SINGH 2,994,874
HUNG, CHUNG HUA 2,994,950
HUNT, DONALD F. 2,995,103
HUNTSMAN INTERNATIONAL LLC 2,994,031
HUSKY OIL OPERATIONS LIMITED 2,994,567
HYALEX ORTHOPAEDICS, INC. 2,995,206
IACOB, CONSTANTIN 2,989,983
IASSO, DANIEL S. 2,994,108
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,994,162
ICRON TECHNOLOGIES CORPORATION 2,994,874
ID GLOBAL SOLUTIONS CORPORATION 2,995,379
IDORSIA PHARMACEUTICALS LTD 2,993,893
IGLAUER, OLIVER 2,994,202
IHI CORPORATION 2,994,666
IIO, KOUJI 2,994,515
ILLINOIS TOOL WORKS INC. 2,993,824
ILLINOIS TOOL WORKS INC. 2,995,194
ILLINOIS TOOL WORKS INC. 2,995,245
IMAGINAB, INC. 2,994,951
IMAKAWA, KAZUNARI 2,995,056
IMFLUX INC. 2,994,011
IMMATICS BIOTECHNOLOGIES GMBH 2,994,771
IMMUNEBIOTECH MEDICAL SWEDEN AB 2,995,071
IMMUNOGEN, INC. 2,994,888
INAMOTO, SHIGENORI 2,994,624
INAMOTO, SHIGENORI 2,994,655
INDORF, KEITH WARD 2,994,172
INFIANA GERMANY GMBH & CO. KG 2,993,879
INGRAIN, INC. 2,995,026
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (EPST) 2,994,629
INTERCEPT PHARMACEUTICALS, INC. 2,994,687
INTERNATIONAL DEHYDRATED FOODS, INC. 2,994,835
INTERNATIONAL MOISTURE ANALYSERS LIMITED 2,987,168
INTERNATIONAL MONETARY EXCHANGE LTD. 2,995,105
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